

## New Course Proposal Form

Submitted on 12/20/2016 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

601

Course Title:

Foundations of Athletic Training

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course will cover various aspects of the history, development, socialization and standards of practice of the athletic training profession. Key terms and concepts utilized in the field, areas of practice, roles and responsibilities, and other essential knowledge and skills for the athletic training profession will be discussed.

Credit Hours:

1 ▼

Lecture Contact Hours:

1 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

<input type="checkbox"/> Fall	<input type="checkbox"/> Fall (even-numbered years only)	<input type="checkbox"/> Fall (odd-numbered years only)
<input type="checkbox"/> Spring	<input type="checkbox"/> Spring (even-numbered years only)	<input type="checkbox"/> Spring (odd-numbered years only)
<input checked="" type="checkbox"/> Summer	<input type="checkbox"/> On Demand only	

#### Complete Catalog Description:

ATC 601 Foundations of Athletic Training

Prerequisite: Permission of program director

This course will cover various aspects of the history, development, socialization and standards of practice of the athletic training profession. Key terms and concepts utilized in the field, areas of practice, roles and responsibilities, and other essential knowledge and skills for the athletic training profession will be discussed.

Credit hours: 1 Lecture contact hours: 1 Lab contact hours: 0

Typically offered: Summer

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

Attached

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="1"/>		

Is another course being deleted? ☐ No ☒ Yes

Select course number and title being deleted.

ATC225 Athletic Training Observation

## What will this course require in the way of:

### Additional library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

### Additional equipment or supplies

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

### Other additional expenses

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

N/A

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

12/20/2016 - Submitted by Department Head (Tona Hetzler)

12/21/2016 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

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# Foundations of Athletic Training

## ATC 601

1 credit hour

June summer session, 4 weeks

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

### COURSE DESCRIPTION

This course will cover various aspects of the history, development, socialization and standards of practice of the athletic training profession. Key terms and concepts utilized in the field, areas of practice, roles and responsibilities, and other essential knowledge and skills for the athletic training profession will be discussed.

### COURSE OBJECTIVES

PD-2	Describe the role and function of the National Athletic Trainers' Association and its influence on the profession.
PD-3	Describe the role and function of the Board of Certification, the Commission on Accreditation of Athletic Training Education, and state regulatory boards.
PD-4	Explain the role and function of state athletic training practice acts and registration, licensure, and certification agencies including (1) basic legislative processes for the implementation of practice acts, (2) rationale for state regulations that govern the practice of athletic training, and (3) consequences of violating federal and state regulatory acts.
PD-6	Explain the process of obtaining and maintaining necessary local, state, and national credentials for the practice of athletic training.

### COURSE TEXT and MATERIALS

**Textbooks:** Principles of Athletic Training: A competency-based approach by William Prentice, 15<sup>th</sup> edition.

**BLACKBOARD:** <http://blackboard.missouristate.edu>

Make sure to check blackboard for assignments, class updates, and other important information prior to class.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

### The following list is not all inclusive:

Academic Integrity

Disability Statement

Nondiscrimination Policy

Policy on Use of Cell Phones in Classes

Office of Registrar – resources for students

University Attendance Policy

Emergency Response Plan

<http://www.missouristate.edu/provost/22102.htm>

<http://www.missouristate.edu/disability/>

<http://www.missouristate.edu/equity/>

<http://www.missouristate.edu/registrar/classdis.html>

<http://www.missouristate.edu/registrar/students.htm>

<http://www.missouristate.edu/registrar/attendan.html>

<http://www.missouristate.edu/safetran/erp.htm>

A standard grade policy will be utilized for this course.

Activity	Points	Grading Scale
Blackboard Discussion Board Participation	100	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Pre-clinical paperwork (HIPAA, BBP, etc.)	150	
Mid-term Exam	100	
Final Written Exam	100	
Other (pts vary based on activity)	50	
<b>Total</b>	<b>500 Points</b>	

## TENTATIVE COURSE OUTLINE

*Summer 20XX – 4 week June summer session*

DATE	TOPIC (In-class or online presentations, class notes, supplemental information & related learning activities)
Week 1	Class Orientation / Meet & Greet AT profession: historical perspectives, employment settings, AT/sports medicine and other healthcare providers (IPP), clinical aspect of AT program and requirements
Week 2	Roles and responsibilities of AT, requirements for certification and state regulation, accreditation
Week 3	Roles and functions of AT related organizations (NATA, BOC, CAATE, etc.), referring patients, foundational behaviors of AT, interacting with patients, parents, coaches and others
Week 4	Establishing a system for AT health care, issues in AT, Future directions in athletic training profession and healthcare

**PLEASE NOTE:** This is only a tentative schedule and may change during the semester

## New Course Proposal Form

Submitted on 12/20/2016 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

602

Course Title:

Orthopedic Review

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course will expand upon students' prerequisite structural knowledge to develop an understanding of basic, applied and clinical aspects of orthopedic and neuromuscular evaluation and therapeutic intervention.

Credit Hours:

2 ▼

Lecture Contact Hours:

1 ▼

Lab Contact Hours:

2 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Fall              | <input type="checkbox"/> Fall (even-numbered years only)   | <input type="checkbox"/> Fall (odd-numbered years only)   |
| <input type="checkbox"/> Spring            | <input type="checkbox"/> Spring (even-numbered years only) | <input type="checkbox"/> Spring (odd-numbered years only) |
| <input checked="" type="checkbox"/> Summer | <input type="checkbox"/> On Demand only                    |   |

#### Complete Catalog Description:

ATC 602 Orthopedic Review

Prerequisite: Permission of program director.

This course will expand upon students' prerequisite structural knowledge to develop an understanding of basic, applied and clinical aspects of orthopedic and neuromuscular evaluation and therapeutic intervention.

Credit hours: 2 Lecture contact hours: 1 Lab contact hours: 2

Typically offered: Summer

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="3"/>		

Is another course being deleted? ☒ No ☐ Yes

What will this course require in the way of:

#### Additional library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

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#### Additional or remodeled facilities

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#### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

#### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

#### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

#### Additional faculty; regular vs per-course

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#### Other additional expenses

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

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If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

12/20/2016 - Submitted by Department Head (Tona Hetzler)

12/21/2016 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

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# **Orthopedic Review**

## **ATC 602**

**2 credit hours – July summer session, 4 weeks**

**Instructor: SMAT graduate faculty member**

**Email: [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)**

**Office Hours: TBA**

**Office: 160 Prof Building**

**Phone: 836-8553 (O)**

### **COURSE DESCRIPTION**

This course will expand upon students' prerequisite structural knowledge to develop an understanding of basic, applied and clinical aspects of orthopedic and neuromuscular evaluation and therapeutic intervention.

### **COURSE OBJECTIVES**

CE-1	Describe the normal structures and interrelated functions of the body systems.
CE-2	Describe the normal anatomical, systemic, and physiological changes associated with the lifespan.
CE-3	Identify the common congenital and acquired risk factors and causes of musculoskeletal injuries and common illnesses that may influence physical activity in pediatric, adolescent, adult, and aging populations.
CE-4	Describe the principles and concepts of body movement, including normal osteokinematics and arthrokinematics.
CE-5	Describe the influence of pathomechanics on function.
CE-7	Identify the patient's participation restrictions (disabilities) and activity limitations (functional limitations) to determine the impact of the condition on the patient's life including: history taking, inspection/observation, palpation, muscle function
CE-21d	Assessment of quantity and quality of osteokinematic joint motion
CIP-2	Select, apply, evaluate, and modify appropriate standard protective equipment, taping, wrapping, bracing, padding, and other custom devices for the client/patient in order to prevent and/or minimize the risk of injury to the head, torso, spine, and extremities for safe participation in sport or other physical activity.
PHP-8	Identify the necessary components to include in a pre-participation physical examination as recommended by contemporary guidelines (eg, American Heart Association, American Academy of Pediatrics Council on Sports Medicine & Fitness).
PHP-9	Explain the role of the pre participation physical exam in identifying conditions that might predispose the athlete to injury or illness.
TI-16	Fabricate and apply taping, wrapping, supportive, and protective devices to facilitate return to function.

### **COURSE TEXT and MATERIALS**

**Textbooks: Prentice – Principles of Athletic Training – McGraw Hill**

**BLACKBOARD: <http://blackboard.missouristate.edu>**

**Make sure to check blackboard for assignments, class updates, and other important information prior to class.**

**NOTE: All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.**

**The following list is not all inclusive:**

<b>Academic Integrity</b>	<a href="http://www.missouristate.edu/provost/22102.htm">http://www.missouristate.edu/provost/22102.htm</a>
<b>Disability Statement</b>	<a href="http://www.missouristate.edu/disability/">http://www.missouristate.edu/disability/</a>
<b>Nondiscrimination Policy</b>	<a href="http://www.missouristate.edu/equity/">http://www.missouristate.edu/equity/</a>
<b>Policy on Use of Cell Phones in Classes</b>	<a href="http://www.missouristate.edu/registrar/classdis.html">http://www.missouristate.edu/registrar/classdis.html</a>
<b>Office of Registrar – resources for students</b>	<a href="http://www.missouristate.edu/registrar/students.htm">http://www.missouristate.edu/registrar/students.htm</a>
<b>University Attendance Policy</b>	<a href="http://www.missouristate.edu/registrar/attendan.html">http://www.missouristate.edu/registrar/attendan.html</a>
<b>Emergency Response Plan</b>	<a href="http://www.missouristate.edu/safetran/erp.htm">http://www.missouristate.edu/safetran/erp.htm</a>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)**

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

Attendance/Participation	50	A = 90.0 - 100% of total pts.
Practical skill demonstration evaluations (4 @ 50each)	200	B = 80.0 - 89.9% of total pts.
Comprehensive final	200	C = 70.0 - 79.9% of total pts.
Reflective journal entries (8 @ 25 each)	200	D = 60.0 - 69.9% of total pts.
<b>Total</b>	<b>650 Points</b>	F = 00.0 - 59.9% of total pts.

### **TENTATIVE COURSE OUTLINE**

*Summer 20XX – 4 week July summer session*

<b>DATE</b>	<b>TOPICS</b>
Week 1	Course overview, review of structures, review of normal anatomical, systemic, and physiological changes, common congenital and acquired risk factors and causes of musculoskeletal injuries and common illnesses
Week 2	Review principles and concepts of body movement (osteokinematics, arthrokinematics); assessment of quantity and quality of joint motion, influence of pathomechanics on function
Week 3	Patient's participation restrictions, PPE's and application of information gained from PPE
Week 4	Application of anatomical knowledge and pathology of injury through fabrication of taping, wrapping, supportive, and protective devices

**PLEASE NOTE:** This is only a tentative schedule and may change during the semester

## New Course Proposal Form

Submitted on 01/23/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

604

Course Title:

Clinical Skills in Athletic Training

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

Students are introduced to various procedures, techniques, principles and theories relative to development of injury and illness prevention and essential immediate and emergency management clinical skills required of an athletic trainer.

Credit Hours:

3 ▼

Lecture Contact Hours:

2 ▼

Lab Contact Hours:

3 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- ☐ Fall ☐ Fall (even-numbered years only) ☐ Fall (odd-numbered years only)

☐ Spring
 ☐ Spring (even-numbered years only)
 ☐ Spring (odd-numbered years only)

☒ Summer
 ☐ On Demand only

#### Complete Catalog Description:

ATC 604 Clinical Skills in Athletic Training

Prerequisite: Permission of program director.

Students are introduced to various procedures, techniques, principles and theories relative to development of injury and illness prevention and essential immediate and emergency management clinical skills required of an athletic trainer.

Credit hours: 3 Lecture contact hours: 2 Lab contact hours: 3

Typically offered: Summer

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="6"/>		

Is another course being deleted? ☒ No ☐ Yes

What will this course require in the way of:

Additional Library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional computer resources

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#### Additional or remodeled facilities

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#### Additional equipment or supplies

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#### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

#### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

#### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

#### Other additional expenses

No additional expenses are anticipated.

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

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If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

**Current Status:**

Grad Council Review

**Proposal Progress:**

01/23/2017 - Submitted by Department Head (Tona Hetzler)

01/24/2017 - Reviewed by Dean (Helen Reid)

**Review Comments:**

No comments have been added to this proposal.

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# Clinical Skills in Athletic Training

## ATC 604

3 credit hours, July summer session, 4 weeks

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

### COURSE DESCRIPTION

Students are introduced to various procedures, techniques, principles and theories relative to development of injury and illness prevention and essential immediate and emergency management clinical skills required of an athletic trainer.

### COURSE OBJECTIVES

AC-1	Explain the legal, moral, and ethical parameters that define the athletic trainer's scope of acute and emergency care.
AC-2	Differentiate the roles and responsibilities of the athletic trainer from other pre-hospital care and hospital-based providers, including emergency medical technicians/paramedics, nurses, physician assistants, and physicians.
AC-3	Describe the hospital trauma level system and its role in the transportation decision-making process.
AC-4	Demonstrate the ability to perform scene, primary, and secondary surveys.
AC-5	Obtain a medical history appropriate for the patient's ability to respond.
AC-6	When appropriate, obtain and monitor signs of basic body functions including pulse, blood pressure, respiration, pulse oximetry, pain, and core temperature. Relate changes in vital signs to the patient's status.
AC-7	Differentiate between normal and abnormal physical findings (eg, pulse, blood pressure, heart and lung sounds, oxygen saturation, pain, core temperature) and the associated pathophysiology.
AC-8	Explain the indications, guidelines, proper techniques, and necessary supplies for removing equipment and clothing in order to access the airway, evaluate and/or stabilize an athlete's injured body part.
AC-9	Differentiate the types of airway adjuncts (oropharyngeal airways [OPA], nasopharyngeal airways [NPA] and supraglottic airways [King LT-D or Combitube]) and their use in maintaining a patent airway in adult respiratory and/or cardiac arrest.
AC-10	Establish and maintain an airway, including the use of oro- and nasopharyngeal airways, and neutral spine alignment in an athlete with a suspected spine injury who may be wearing shoulder pads, a helmet with and without a face guard, or other protective equipment. (OPA and NPA)
AC-11	Determine when suction for airway maintenance is indicated and use according to accepted practice protocols.
AC-12	Identify cases when rescue breathing, CPR, and/or AED use is indicated according to current accepted practice protocols.
AC-13	Utilize an automated external defibrillator (AED) according to current accepted practice protocols.
AC-14	Perform one- and two- person CPR on an infant, child and adult.
AC-15	Utilize a bag valve and pocket mask on a child and adult using supplemental oxygen.



AC-16	Explain the indications, application, and treatment parameters for supplemental oxygen administration for emergency situations.
AC-17	Administer supplemental oxygen with adjuncts (eg, non-rebreather mask, nasal cannula).
AC-18	Assess oxygen saturation using a pulse oximeter and interpret the results to guide decision making.
AC-19	Explain the proper procedures for managing external hemorrhage (eg, direct pressure, pressure points, tourniquets) and the rationale for use of each.
AC-20	Select and use the appropriate procedure for managing external hemorrhage.
AC-21	Explain aseptic or sterile techniques, approved sanitation methods, and universal precautions used in the cleaning, closure, and dressing of wounds.
AC-22	Select and use appropriate procedures for the cleaning, closure, and dressing of wounds, identifying when referral is necessary.
AC-23	Use cervical stabilization devices and techniques that are appropriate to the circumstances of an injury.
AC-24	Demonstrate proper positioning and immobilization of a patient with a suspected spinal cord injury.
AC-25	Perform patient transfer techniques for suspected head and spine injuries utilizing supine log roll, prone log roll with push, prone log roll with pull, and lift-and-slide techniques.
AC-26	Select the appropriate spine board, including long board or short board, and use appropriate immobilization techniques based on the circumstance of the patient's injury.
AC-27	Explain the role of core body temperature in differentiating between exertional heat stroke, hyponatremia, and head injury.
AC-28	Differentiate the different methods for assessing core body temperature.
AC-29	Assess core body temperature using a rectal probe.
AC-30	Explain the role of rapid full body cooling in the emergency management of exertional heat stroke.
AC-31	Assist the patient in the use of a nebulizer treatment for an asthmatic attack.
AC-32	Determine when use of a metered-dosed inhaler is warranted based on a patient's condition.
AC-33	Instruct a patient in the use of a meter-dosed inhaler in the presence of asthma-related bronchospasm.
AC-34	Explain the importance of monitoring a patient following a head injury, including the role of obtaining clearance from a physician before further patient participation.
AC-35	Demonstrate the use of an auto-injectable epinephrine in the management of allergic anaphylaxis. Decide when auto-injectable epinephrine use is warranted based on a patient's condition.
AC-36	Identify the signs, symptoms, interventions and, when appropriate, the return-to-participation criteria for: sudden cardiac arrest, concussion and other brain injuries, spine trauma, heat illnesses, exertional sickling, rhabdomyolysis, internal hemorrhage, diabetic emergencies, asthma, allergic reactions, epileptic and non-epileptic seizures, shock, hypothermia, frostbite, toxic drug overdoses,
AC-37	Select and apply appropriate splinting material to stabilize an injured body area.

AC-38	Apply appropriate immediate treatment to protect the injured area and minimize the effects of hypoxic and enzymatic injury.
AC-39	Select and implement the appropriate ambulatory aid based on the patient's injury and activity and participation restrictions.
AC-40	Determine the proper transportation technique based on the patient's condition and findings of the immediate examination.
AC-41	Identify the criteria used in the decision-making process to transport the injured patient for further medical examination.
AC-42	Select and use the appropriate short-distance transportation methods, such as the log roll or lift and slide, for an injured patient in different situations.
AC-43	Instruct the patient in home care and self-treatment plans for acute conditions.
CE-16	Recognize the signs and symptoms of catastrophic and emergent conditions and demonstrate appropriate referral decisions.
CE-20g	respiratory assessments (auscultation, percussion, respirations, peak-flow)
CE-20h	circulatory assessments (pulse, blood pressure, auscultation)
CE-20i	abdominal assessments (percussion, palpation, auscultation)
CE-20j	other clinical assessments (otoscope, urinalysis, glucometer, temperature, ophthalmoscope)
CE-21i	Cardiovascular function (including differentiation between normal and abnormal heart sounds, blood pressure, and heart rate)
CE-21j	Pulmonary function (including differentiation between normal breath sounds, percussion sounds, number and characteristics of respirations, peak expiratory flow)
CE-21k	Gastrointestinal function (including differentiation between normal and abnormal bowel sounds)
CE-21l	Genitourinary function (urinalysis)
CE-21m	Ocular function (vision, ophthalmoscope)
CE-21n	Function of the ear, nose, and throat (including otoscopic evaluation)
CE-21o	Dermatological assessment
CE-21p	Other assessments (glucometer, temperature)
CE-22	Determine when the findings of an examination warrant referral of the patient.
CIP-2	Select, apply, evaluate, and modify appropriate standard protective equipment, taping, wrapping, bracing, padding, and other custom devices for the client/patient in order to prevent and/or minimize the risk of injury to the head, torso, spine, and extremities for safe participation in sport or other physical activity.
HA-16	Describe federal and state infection control regulations and guidelines, including universal precautions as mandated by the Occupational Safety and Health Administration (OSHA), for the prevention, exposure, and control of infectious diseases and discuss how they apply to the practicing of athletic training.
HA-30	Describe the role and functions of various healthcare providers and protocols that govern the referral of patients to these professionals.
PHP-3	Identify modifiable/non-modifiable risk factors and mechanisms for injury and illness.
PHP-7	Implement disinfectant procedures to prevent the spread of infectious diseases and to comply with Occupational Safety and Health Administration (OSHA) and other federal regulations.

PHP-8	Identify the necessary components to include in a pre-participation physical examination as recommended by contemporary guidelines (eg, American Heart Association, American Academy of Pediatrics Council on Sports Medicine & Fitness).
PHP-10	Explain the principles of the body's thermoregulatory mechanisms as they relate to heat gain and heat loss.
PHP-11	Explain the principles of environmental illness prevention programs to include acclimation and conditioning, fluid and electrolyte replacement requirements, proper practice and competition attire, hydration status, and environmental assessment (eg, sling psychrometer, wet bulb globe temperatures [WBGT], heat index guidelines).
PHP-12	Summarize current practice guidelines related to physical activity during extreme weather conditions (eg, heat, cold, lightning, wind).
PHP-13	Obtain and interpret environmental data (web bulb globe temperature [WBGT], sling psychrometer, lightning detection devices) to make clinical decisions regarding the scheduling, type, and duration of physical activity.
PHP-14	Assess weight loss and hydration status using weight charts, urine color charts, or specific gravity measurements to determine an individual's ability to participate in physical activity in a hot, humid environment.
PHP-15	Use a glucometer to monitor blood glucose levels, determine participation status, and make referral decisions.
PHP-16	Use a peak-flow meter to monitor a patient's asthma symptoms, determine participation status, and make referral decisions.
PHP-18	Explain strategies for communicating with coaches, athletes, parents, administrators, and other relevant personnel regarding potentially dangerous conditions related to the environment, field, or playing surfaces.
PHP-20	Summarize the basic principles associated with the design, construction, fit, maintenance, and reconditioning of protective equipment, including the rules and regulations established by the associations that govern its use.
PHP-22	Fit standard protective equipment following manufacturers' guidelines.
PHP-23	Apply preventive taping and wrapping procedures, splints, braces, and other special protective devices.
PHP-36	Describe current guidelines for proper hydration and explain the consequences of improper fluid/electrolyte replacement.
TI-16	Fabricate and apply taping, wrapping, supportive, and protective devices to facilitate return to function.
TI-28	Properly assist and/or instruct the patient in the proper use, cleaning, and storage of drugs commonly delivered by metered dose inhalers, nebulizers, insulin pumps, or other parenteral routes as prescribed by the physician.

## **COURSE TEXT and MATERIALS**

**Textbooks:**Emergency Response Management for Athletic Trainers – Miller and Berry

**BLACKBOARD:** <http://blackboard.missouristate.edu>

**Make sure to check blackboard for assignments, class updates, and other important information prior to class.**

**NOTE: All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.**

**The following list is not all inclusive:**

<b>Academic Integrity</b>	<a href="http://www.missouristate.edu/provost/22102.htm">http://www.missouristate.edu/provost/22102.htm</a>
<b>Disability Statement</b>	<a href="http://www.missouristate.edu/disability/">http://www.missouristate.edu/disability/</a>
<b>Nondiscrimination Policy</b>	<a href="http://www.missouristate.edu/equity/">http://www.missouristate.edu/equity/</a>
<b>Policy on Use of Cell Phones in Classes</b>	<a href="http://www.missouristate.edu/registrar/classdis.html">http://www.missouristate.edu/registrar/classdis.html</a>
<b>Office of Registrar – resources for students</b>	<a href="http://www.missouristate.edu/registrar/students.htm">http://www.missouristate.edu/registrar/students.htm</a>
<b>University Attendance Policy</b>	<a href="http://www.missouristate.edu/registrar/attendan.html">http://www.missouristate.edu/registrar/attendan.html</a>
<b>Emergency Response Plan</b>	<a href="http://www.missouristate.edu/safetran/erp.htm">http://www.missouristate.edu/safetran/erp.htm</a>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)**

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

A standard grade policy will be utilized for this course.

Activity	Points	Grading Scale
Position statements (2 @50 each)	100	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Skill check sheets and demonstration (3 @50 each)	150	
Written Exams (4 @100 each)	400	
Practical Exams (3 @ 100 each)	300	
<b>Total</b>	<b>650 Points</b>	

### **TENTATIVE COURSE OUTLINE – may change during semester**

Summer 20XX – 4 week July summer session

	<b>Class Topic</b>	<b>Class/Lab Activity and Skills</b>
<b>Unit One Week 1</b>	Understanding the Roles and Responsibilities of EMS, Legal liability and codes of ethics, assessment of vital signs, primary, secondary, ongoing assessment	Partner Discussion - What is Professionalism?; Cap Refill, Pupils, Skin Temp, Skin Color, Skin Condition, Turgor, Pulse, Breathing, Respiration, Blood Pressure, Vitals, Auscultation, Percussion, initial and secondary assessment
<b>Unit Two Week 2</b>	Recognition and Management of Breathing and Cardiac Emergencies, adjunct breathing devices and supplemental oxygen therapy, EAP and the well-being of the AT	CPR (1 and 2 person), Airway Obstructions, rescue breathing, O2, NPA, OPA, Suction, AED, Position statements
	<b>Exam 1 (Written and Practical)</b>	
<b>Unit Three Week 3</b>	Transportation and ambulatory techniques: Recognition and management of soft tissue, skeletal, and spine injuries; Immobilization	One and two person carries, crutch and cane fitting, wound care, wraps, slings, splinting, immobilization, spine boarding, position statements
	<b>Exam 2 (Written and Practical)</b>	
<b>Unit Four Week 4</b>	Recognition and Management of Head Injuries; Environmental injuries, General ,medical/sudden illness, allergic reactions and poisons, recognition and management of hyperperfusion	Concussion Testing, SCAT, Wet-bulb, sling psychrometer, rectal temp, lightning strike, Urinalysis, blood glucose, EpiPen, inhalers, peak-flow meter
Last day of class	<b>Unit 3 (Written and Practical)</b>	
Final	<b>Final Exam (Written)</b>	



## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

622

Course Title:

Athletic Training Practicum I

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This is a supervised, 16-week clinical experience designed to provide students familiarity with the athletic training profession and a variety of work settings. Emphasis will be placed on the foundational behaviors of athletic training, professional communication skills and an understanding of pertinent clinical practice topics and issues. Students may be required to be in attendance during periods when regular university classes are not in session.

Credit Hours:

2 ▼

Lecture Contact Hours:

0 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fall | <input type="checkbox"/> Fall (even-numbered years only)   | <input type="checkbox"/> Fall (odd-numbered years only)   |
| <input type="checkbox"/> Spring          | <input type="checkbox"/> Spring (even-numbered years only) | <input type="checkbox"/> Spring (odd-numbered years only) |
| <input type="checkbox"/> Summer          | <input type="checkbox"/> On Demand only                    |   |

#### Complete Catalog Description:

ATC 622 Athletic Training Practicum I

Prerequisite: Permission of program director.

This is a supervised, 16-week clinical experience designed to provide students familiarity with the athletic training profession and a variety of work settings.

Emphasis will be placed on the foundational behaviors of athletic training, professional communication skills and an understanding of pertinent clinical practice topics and issues. Students may be required to be in attendance during periods when regular university classes are not in session.

Credit hours: 2 Lecture contact hours: 0 Lab contact hours: 0

Typically offered: Fall

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To provide clinical experiences for athletic training students, educate students on the athletic training profession, and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="2"/>		

Is another course being deleted? ☒ No ☐ Yes

**What will this course require in the way of:**

**Additional library Holdings**

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional computer resources**

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional or remodeled facilities**

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

**Additional equipment or supplies**

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

**Additional travel funds**

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree

**Additional faculty; general vs specialized**

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

**Additional faculty; regular vs per-course**

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

**Other additional expenses**

No additional expenses are anticipated.



If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

Copy As New Proposal



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# Athletic Training Practicum 1

**ATC 622**

**2 credit hours**

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

## **COURSE DESCRIPTION**

This is a supervised, 16-week clinical experience designed to provide students familiarity with the athletic training profession and a variety of work settings. Emphasis will be placed on the foundational behaviors of athletic training, professional communication skills and an understanding of pertinent clinical practice topics and issues. Students may be required to be in attendance during periods when regular university classes are not in session.

## **COURSE OBJECTIVES**

1. Demonstrate, during all clinical experiences, professional behaviors expected of health care professionals.
2. Demonstrate understanding and application of all cognitive and psychomotor competencies covered in prior courses of the AT Program.
3. Utilize clinical experiences to improve in all aspects of athletic training and life.
4. Review and advance skills learned in previous AT Program courses.

## **COURSE TEXT and MATERIALS**

**Textbooks:** No required text.

**BLACKBOARD:** <http://blackboard.missouristate.edu>

Make sure to check blackboard for assignments, class updates, and other important information prior to class.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

### **The following list is not all inclusive:**

**Academic Integrity**

**Disability Statement**

**Nondiscrimination Policy**

**Policy on Use of Cell Phones in Classes**

**Office of Registrar – resources for students**

**University Attendance Policy**

**Emergency Response Plan**

<http://www.missouristate.edu/provost/22102.htm>

<http://www.missouristate.edu/disability/>

<http://www.missouristate.edu/equity/>

<http://www.missouristate.edu/registrar/classdis.html>

<http://www.missouristate.edu/registrar/students.htm>

<http://www.missouristate.edu/registrar/attendan.html>

<http://www.missouristate.edu/safetran/erp.htm>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)**  
**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

A standard grade policy will be utilized for this course.

Activity	Points	Grading Scale
E-folio Round 1	40	A = 90.0 - 100% of total pts.
Interprofessional Education (IPE) Experience	40	
Clinical Experience Reflective Posts	140	B = 80.0 - 89.9% of total pts.
Mid-term Clinical Evaluation Score	100	
Final Clinical Evaluation Score	100	C = 70.0 - 79.9% of total pts.
E-folio Round 2	30	
Blackboard Discussion Board Participation	50	D = 60.0 - 69.9% of total pts.
<b>Total</b>	<b>500 Points</b>	
		F = 00.0 - 59.9% of total pts.

#### Course Outline

WEEK	TOPIC
1	Review syllabus and course outline
2	Round 1 E-Folio
3	Reflection Log 1 Post
4	Reflection Log 1 Discussion
5	Reflection Log 2 Post
6	Reflection Log 2 Discussion
7	Reflection Log 3 Post
8	Mid-semester Self Clinical Evaluation (ATrack) Reflection Log 3 Discussion
9	Reflection Log 4 Post
10	Reflection Log 4 Discussion
11	Reflection Log 5 Post
12	Reflection Log 5 Discussion
13	Reflection Log 6 Post
14	Reflection Log 6 Discussion
15	Reflection Log 7 (Final Clinical Reflection) Post
16	Preceptor Evaluation & End-semester Self Clinical Evaluation (ATrack) Reflection Log 7 Discussion IPE Assignment E-folio

## New Course Proposal Form

Submitted on 12/20/2016 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

623

Course Title:

Patient Evaluation I

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course provides an overview of the etiology, incidence and prevalence, signs and symptoms, course and prognosis, and medical management of common conditions impacting physical activity. Content focuses on observation and evaluation techniques for injuries/impairments affecting the lower body. Students will incorporate information gained from evaluation process and assessment techniques to make a clinical diagnosis.

Credit Hours:

3 ▼

Lecture Contact Hours:

3 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fall | <input type="checkbox"/> Fall (even-numbered years only)   | <input type="checkbox"/> Fall (odd-numbered years only)   |
| <input type="checkbox"/> Spring          | <input type="checkbox"/> Spring (even-numbered years only) | <input type="checkbox"/> Spring (odd-numbered years only) |
| <input type="checkbox"/> Summer          | <input type="checkbox"/> On Demand only                    |   |

#### Complete Catalog Description:

ATC 623 Patient Evaluation I

Prerequisite: Permission of program director.

This course provides an overview of the etiology, incidence and prevalence, signs and symptoms, course and prognosis, and medical management of common conditions impacting physical activity. Content focuses on observation and evaluation techniques for injuries/impairments affecting the lower body. Students will incorporate information gained from evaluation process and assessment techniques to make a clinical diagnosis.

Credit hours: 3 Lecture contact hours: 3 Lab contact hours: 0

Typically offered: Fall

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="3"/>		

Is another course being deleted? ☒ No ☐ Yes

**What will this course require in the way of:**

**Additional library Holdings**

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional computer resources**

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional or remodeled facilities**

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

**Additional equipment or supplies**

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

**Additional travel funds**

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

**Additional faculty; general vs specialized**

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

**Additional faculty; regular vs per-course**

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

**Other additional expenses**

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

**Current Status:**

Grad Council Review

**Proposal Progress:**

12/20/2016 - Submitted by Department Head (Tona Hetzler)

12/21/2016 - Reviewed by Dean (Helen Reid)

**Review Comments:**

No comments have been added to this proposal.

Copy As New Proposal





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**Patient Evaluation 1**  
**ATC 623**  
**3 credit hours**

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

**COURSE DESCRIPTION**

This course provides an overview of the etiology, incidence and prevalence, signs and symptoms, course and prognosis, and medical management of common conditions impacting physical activity. Content focuses on observation and evaluation techniques for injuries/impairments affecting the lower body. Students will incorporate information gained from evaluation process and assessment techniques to make a clinical diagnosis.

**COURSE OBJECTIVES**

AC-4	Demonstrate the ability to perform scene, primary, and secondary surveys.
AC-5	Obtain a medical history appropriate for the patient's ability to respond.
AC-6	When appropriate, obtain and monitor signs of basic body functions including pulse, blood pressure, respiration, pulse oximetry, pain, and core temperature. Relate changes in vital signs to the patient's status.
CE-1	Describe the normal structures and interrelated functions of the body systems.
CE-2	Describe the normal anatomical, systemic, and physiological changes associated with the lifespan.
CE-3	Identify the common congenital and acquired risk factors and causes of musculoskeletal injuries and common illnesses that may influence physical activity in pediatric, adolescent, adult, and aging populations.
CE-4	Describe the principles and concepts of body movement, including normal osteokinematics and arthrokinematics.
CE-5	Describe the influence of pathomechanics on function.
CE-6	Describe the basic principles of diagnostic imaging and testing and their role in the diagnostic process.
CE-7	Identify the patient's participation restrictions (disabilities) and activity limitations (functional limitations) to determine the impact of the condition on the patient's life.
CE-12	Apply clinical prediction rules (eg, Ottawa Ankle Rules) during clinical examination procedures.
CE-13	Obtain a thorough medical history that includes the pertinent past medical history, underlying systemic disease, use of medications, the patient's perceived pain, and the history and course of the present condition.
CE-14	Differentiate between an initial injury evaluation and follow-up/reassessment as a means to evaluate the efficacy of the patient's treatment/rehabilitation program, and make modifications to the patient's program as needed.
CE-15	Demonstrate the ability to modify the diagnostic examination process according to the demands of the situation and patient responses.
CE-16	Recognize the signs and symptoms of catastrophic and emergent conditions and demonstrate appropriate referral decisions.

CE-17	Use clinical reasoning skills to formulate an appropriate clinical diagnosis for common illness/disease and orthopedic injuries/conditions.
CE-18	Incorporate the concept of differential diagnosis into the examination process.
CE-19	Determine criteria and make decisions regarding return to activity and/or sports participation based on the patient's current status.
CE-20	Use standard techniques and procedures for the clinical examination of common injuries, conditions, illnesses, and diseases including, but not limited to: history taking, inspection/observation, palpation, functional assessment, selective tissue testing techniques/special test, neurological assessments
CE-21a	Assessment of posture, gait, and movement patterns
CE-21e	Capsular and ligamentous stress testing
CE-21f	Joint play (arthrokinematics)
CE-21g	Selective tissue examination techniques / special tests
CE-21h	Neurologic function (sensory, motor, reflexes, balance, cognition) – sensory, motor, reflexes, balance, cognition
PD-9	Specify when referral of a client/patient to another healthcare provider is warranted and formulate and implement strategies to facilitate that referral.
PHP-3	Identify modifiable/non-modifiable risk factors and mechanisms for injury and illness.
PHP-6	Summarize the epidemiology data related to the risk of injury and illness associated with participation in physical activity.
PHP-21	Summarize the principles and concepts related to the fabrication, modification, and appropriate application or use of orthotics and other dynamic and static splints.
TI-17	Analyze gait and select appropriate instruction and correction strategies to facilitate safe progression to functional gait pattern.
TI-18	Explain the relationship between posture, biomechanics, and ergonomics and the need to address these components in a therapeutic intervention.

## **COURSE TEXT and MATERIALS**

**Textbooks:** Evaluation of Orthopedic and Athletic Injuries - Starkey and Ryan.

**BLACKBOARD:** <http://blackboard.missouristate.edu>

**Make sure to check blackboard for assignments, class updates, and other important information prior to class.**

**NOTE: All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.**

**The following list is not all inclusive:**

**Academic Integrity**

**Disability Statement**

**Nondiscrimination Policy**

**Policy on Use of Cell Phones in Classes**

**Office of Registrar – resources for students**

**University Attendance Policy**

**Emergency Response Plan**

<http://www.missouristate.edu/provost/22102.htm>

<http://www.missouristate.edu/disability/>

<http://www.missouristate.edu/equity/>

<http://www.missouristate.edu/registrar/classdis.html>

<http://www.missouristate.edu/registrar/students.htm>

<http://www.missouristate.edu/registrar/attendan.html>

<http://www.missouristate.edu/safetran/erp.htm>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)**

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

Activity	Points	Grading Scale
Mid-term Examination	50	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Unit Practical Examinations	150	
Written Quizzes	50	
Weekly Injury Evaluations/Journal	100	
Final Written Exam	100	
Other (pts vary based on activity)	50	
<b>Total</b>	<b>500 Points</b>	

**(This is a tentative schedule of topics for this course)**

Week	Topic
1	Introduction/Posture/Movement
2	Evaluation methods
3	MMT/End Feels/Joint Mobilization
4	Stretch and ROM
5	Gait/FMS
6	Core
7	Foot/Toes assessment
8	Foot/Toes assessment
9	Ankle assessment
10	Ankle assessment
11	Knee assessment
12	Knee assessment
13	Knee assessment
14	Patellofemoral assessment
15	Patellofemoral assessment
16	Final written exam

## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

## \*All fields require input

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

631

Course Title:

AT Integrated Lab I

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

Course content emphasizes the management of patients with injuries/impairments of the lower body. Students will integrate skills and knowledge of examination, assessment, diagnosis, prognosis, treatment, analysis of functional outcomes, and re-assessment to develop and manage appropriate patient plans of care. Emphasis will be placed upon using a systematic process, critical thinking, progression of techniques, and evidence based decision making.

Credit Hours:

1 ▼

Lecture Contact Hours:

0 ▼

Lab Contact Hours:

2 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fall | <input type="checkbox"/> Fall (even-numbered years only)   | <input type="checkbox"/> Fall (odd-numbered years only)   |
| <input type="checkbox"/> Spring          | <input type="checkbox"/> Spring (even-numbered years only) | <input type="checkbox"/> Spring (odd-numbered years only) |
| <input type="checkbox"/> Summer          | <input type="checkbox"/> On Demand only                    |   |

#### Complete Catalog Description:

ATC 631 AT Integrated Lab I

Prerequisite: Permission of program director.

Course content emphasizes the management of patients with injuries/impairments of the lower body. Students will integrate skills and knowledge of examination, assessment, diagnosis, prognosis, treatment, analysis of functional outcomes, and re-assessment to develop and manage appropriate patient plans of care. Emphasis will be placed upon using a systematic process, critical thinking, progression of techniques, and evidence based decision making.

Credit hours: 1 Lecture contact hours: 0 Lab contact hours: 2

Typically offered: Fall

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="2"/>		

Is another course being deleted? ☒ No ☐ Yes

**What will this course require in the way of:**

**Additional library Holdings**

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional computer resources**

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional or remodeled facilities**

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

**Additional equipment or supplies**

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

**Additional travel funds**

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

**Additional faculty; general vs specialized**

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

**Additional faculty; regular vs per-course**

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

**Other additional expenses**

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

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# Athletic Training Integrated Lab 1

## ATC 631

1 credit hours

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

### COURSE DESCRIPTION

Course content emphasizes the management of patients with injuries/impairments of the lower body. Students will integrate skills and knowledge of examination, assessment, diagnosis, prognosis, treatment, analysis of functional outcomes, and re-assessment to develop and manage appropriate patient plans of care. Emphasis will be placed upon using a systematic process, critical thinking, progression of techniques, and evidence based decision making.

### COURSE OBJECTIVES

AC-4	Demonstrate the ability to perform scene, primary, and secondary surveys.
AC-5	Obtain a medical history appropriate for the patient's ability to respond.
AC-6	When appropriate, obtain and monitor signs of basic body functions including pulse, blood pressure, respiration, pulse oximetry, pain, and core temperature. Relate changes in vital signs to the patient's status.
AC-7	Differentiate between normal and abnormal physical findings (eg, pulse, blood pressure, heart and lung sounds, oxygen saturation, pain, core temperature) and the associated pathophysiology.
AC-8	Explain the indications, guidelines, proper techniques, and necessary supplies for removing equipment and clothing in order to access the airway, evaluate and/or stabilize an athlete's injured body part.
AC-23	Use cervical stabilization devices and techniques that are appropriate to the circumstances of an injury.
AC-25	Differentiate between normal and abnormal physical findings (eg, pulse, blood pressure, heart and lung sounds, oxygen saturation, pain, core temperature) and the associated pathophysiology.
AC-43	Instruct the patient in home care and self-treatment plans for acute conditions.
CE-8	Explain the role and importance of functional outcome measures in clinical practice and patient health-related quality of life.
CE-21	Assess and interpret findings from a physical examination that is based on the patient's clinical presentation. This exam can include movement patterns
PHP-21	Summarize the principles and concepts related to the fabrication, modification, and appropriate application or use of orthotics and other dynamic and static splints.
PHP-31	Instruct a client/patient regarding fitness exercises and the use of muscle strengthening equipment to include correction or modification of inappropriate, unsafe, or dangerous lifting techniques.
PS-8	Describe psychological interventions (eg, goal setting, motivational techniques) that are used to facilitate a patient's physical, psychological, and return to activity needs.
PS-9	Describe the psychosocial factors that affect persistent pain sensation and perception (eg, emotional state, locus of control, psychodynamic issues, sociocultural factors, personal values and beliefs) and identify multidisciplinary approaches for assisting patients with persistent pain.

## **COURSE TEXT and MATERIALS**

**Textbooks:** Evaluation of Orthopedic and Athletic Injuries - Starkey and Ryan.  
Therapeutic Exercise from Theory to Practice by Michael Higgins  
Physical Agents in Rehabilitation by Michelle Cameron

**BLACKBOARD:** <http://blackboard.missouristate.edu>

**Make sure to check blackboard for assignments, class updates, and other important information prior to class.**

**NOTE: All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.**

**The following list is not all inclusive:**

<b>Academic Integrity</b>	<a href="http://www.missouristate.edu/provost/22102.htm">http://www.missouristate.edu/provost/22102.htm</a>
<b>Disability Statement</b>	<a href="http://www.missouristate.edu/disability/">http://www.missouristate.edu/disability/</a>
<b>Nondiscrimination Policy</b>	<a href="http://www.missouristate.edu/equity/">http://www.missouristate.edu/equity/</a>
<b>Policy on Use of Cell Phones in Classes</b>	<a href="http://www.missouristate.edu/registrar/classdis.html">http://www.missouristate.edu/registrar/classdis.html</a>
<b>Office of Registrar – resources for students</b>	<a href="http://www.missouristate.edu/registrar/students.htm">http://www.missouristate.edu/registrar/students.htm</a>
<b>University Attendance Policy</b>	<a href="http://www.missouristate.edu/registrar/attendan.html">http://www.missouristate.edu/registrar/attendan.html</a>
<b>Emergency Response Plan</b>	<a href="http://www.missouristate.edu/safetran/erp.htm">http://www.missouristate.edu/safetran/erp.htm</a>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)**

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

A standard grade policy will be utilized for this course.

<b>Activity</b>	<b>Points</b>	<b>Grading Scale</b>
Case reviews (4 @ 50 each)	100	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Lab activities (10 @ 30 each)	300	
Documentation of assessment/tx (6@50 each)	300	
Practical Exams (2 @ 100 each)	200	
<b>Total</b>	<b>900 Points</b>	

## **TENTATIVE COURSE OUTLINE - Fall 20XX**

<b>Week</b>	<b>Topic</b>
1	Posture/Movement/Pain Lab
2	Evaluation Lab – pain, strength, proprioception/balance
3	MMT/End Feels/Joint Mobilization
4	Gait/FMS/Core lab
5	Physiology and Neurology lab
6	Practical Exam
7	Practical Exam
8	Lower body assessment and intervention lab 1
9	Lower body assessment and intervention lab 2
10	Lower body assessment and intervention lab 3
11	Lower body assessment and intervention lab 4
12	Lower body assessment and intervention lab 5
13	Lower body assessment and intervention lab 6
14	Review
15	Practical Exam
16	Practical Exam

## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

## \*All fields require input

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

633

Course Title:

Therapeutic Interventions I

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course will cover the theoretical and practical application of interventions (therapeutic exercise, modality devices, manual techniques) designed to enhance performance and function with an emphasis on lower extremity injuries and conditions.

Credit Hours:

3 ▼

Lecture Contact Hours:

3 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- ☒ Fall ☐ Fall (even-numbered years only) ☐ Fall (odd-numbered years only)

☐ Spring
 ☐ Spring (even-numbered years only)
 ☐ Spring (odd-numbered years only)

☐ Summer
 ☐ On Demand only

#### Complete Catalog Description:

ATC 633 Therapeutic Interventions I

Prerequisite: Permission of program director.

This course will cover the theoretical and practical application of interventions (therapeutic exercise, modality devices, manual techniques) designed to enhance performance and function with an emphasis on lower extremity injuries and conditions.

Credit hours: 3 Lecture contact hours: 3 Lab contact hours: 0

Typically offered: Fall

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="3"/>		

Is another course being deleted? ☒ No ☐ Yes

#### What will this course require in the way of:

Additional Library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

#### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

#### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

#### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

#### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

#### Other additional expenses

No additional expenses are anticipated.

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

**Current Status:**

Grad Council Review

**Proposal Progress:**

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

**Review Comments:**

No comments have been added to this proposal.

Copy As New Proposal



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**Therapeutic Interventions 1 - Lower Extremity**  
**ATC 633**  
**3 credit hours**

**Instructor:** SMAT graduate faculty member  
**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)  
**Office Hours:** TBA

**Office:** 160 Prof Building  
**Phone:** 836-8553 (O)

**COURSE DESCRIPTION**

This course will cover the theoretical and practical application of interventions (therapeutic exercise, modality devices, manual techniques) designed to enhance performance and function with an emphasis on lower extremity injuries and conditions.

**COURSE OBJECTIVES**

CE-21a.1	posture
CE-21a.2	gait
CE-21a.3	movement patterns
PHP-1	Describe the concepts (e.g., case definitions, incidence versus prevalence, exposure assessment, rates) and uses of injury and illness surveillance relevant to athletic training.
PHP-21	Summarize the principles and concepts related to the fabrication, modification, and appropriate application or use of orthotics and other dynamic and static splints.
PS-7	Describe the psychological techniques (eg, goal setting, imagery, positive self-talk, relaxation/anxiety reduction) that the athletic trainer can use to motivate the patient during injury rehabilitation and return to activity processes.
TI-1	Describe and differentiate the physiological and pathophysiological responses to inflammatory and non-inflammatory conditions and the influence of these responses on the design, implementation, and progression of a therapeutic intervention.
TI-2	Compare and contrast contemporary theories of pain perception and pain modulation.
TI-3	Differentiate between palliative and primary pain-control interventions.
TI-4	Analyze the impact of immobilization, inactivity, and mobilization on the body systems (eg, cardiovascular, pulmonary, musculoskeletal) and injury response.
TI-5	Compare and contrast the variations in the physiological response to injury and healing across the lifespan.
TI-6	Describe common surgical techniques, including interpretation of operative reports, and any resulting precautions, contraindications, and comorbidities that impact the selection and progression of a therapeutic intervention program.
TI-7	Identify patient- and clinician-oriented outcomes measures commonly used to recommend activity level, make return to play decisions, and maximize patient outcomes and progress in the treatment plan.
TI-8	Explain the theory and principles relating to expected physiological response(s) during and following therapeutic interventions.
TI-9	Describe the laws of physics that (1) underlay the application of thermal, mechanical, electromagnetic, and acoustic energy to the body and (2) form the foundation for the development of therapeutic interventions (eg, stress-strain, leverage, thermodynamics, energy transmission and attenuation, electricity).

TI-10	Integrate self-treatment into the intervention when appropriate, including instructing the patient regarding self-treatment plans.
TI-11	Design therapeutic interventions to meet specified treatment goals.
TI-11a	Assess the patient to identify indications, contraindications, and precautions applicable to the intended intervention.
TI-11b	Position and prepare the patient for various therapeutic interventions.
TI-11c	Describe the expected effects and potential adverse reactions to the patient.
TI-11d	Instruct the patient how to correctly perform rehabilitative exercises.
TI-11e	Apply the intervention, using parameters appropriate to the intended outcome.
TI-11f	Reassess the patient to determine the immediate impact of the intervention.
TI-12	Use the results of on-going clinical examinations to determine when a therapeutic intervention should be progressed, regressed or discontinued.
TI-13	Describe the relationship between the application of therapeutic modalities and the incorporation of active and passive exercise and/or manual therapies, including, therapeutic massage, myofascial techniques, and muscle energy techniques.
TI-14	Describe the use of joint mobilization in pain reduction and restoration of joint mobility.
TI-15	Perform joint mobilization techniques as indicated by examination findings.
TI-19	Identify manufacturer, institutional, state, and/or federal standards that influence approval, operation, inspection, maintenance and safe application of therapeutic modalities and rehabilitation equipment.
TI-20	Inspect therapeutic equipment and the treatment environment for potential safety hazards.
TI-25	Explain the concepts related to bioavailability, half-life, and bioequivalence (including the relationship between generic and brand name drugs) and their relevance to the patient, the choice of medication, and the dosing schedule.

### **COURSE TEXT and MATERIALS**

**Textbooks:** Therapeutic Exercise from Theory to Practice by Michael Higgins  
Physical Agents in Rehabilitation by Michelle Cameron

**Blackboard:** Additional class materials are available for downloading on Blackboard under ATC 633. It is the student's responsibility to enroll and frequently check for class announcements and documents.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

#### **The following list is not all inclusive:**

**Academic Integrity**  
**Disability Statement**  
**Nondiscrimination Policy**  
**Policy on Use of Cell Phones in Classes**  
**Office of Registrar – resources for students**  
**University Attendance Policy**  
**Emergency Response Plan**

<http://www.missouristate.edu/provost/22102.htm>  
<http://www.missouristate.edu/disability/>  
<http://www.missouristate.edu/equity/>  
<http://www.missouristate.edu/registrar/classdis.html>  
<http://www.missouristate.edu/registrar/students.htm>  
<http://www.missouristate.edu/registrar/attendan.html>  
<http://www.missouristate.edu/safetran/erp.htm>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)****Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

Activity	Points	Grading Scale
Four unit exams	400	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Three lab practical exams	300	
One comprehensive final	200	
Eight outside assignments	200	
<b>Total</b>	<b>1100 Points</b>	

NOTE: There may likely be additional assignments throughout the semester which would affect the total points available for the course. The assignment of grades will still be on a percentage basis of the final point total for the course at the end of the semester.

**Tentative schedule**

Week	Topic
1	Introduction, modality physics
2	Injury effects, physiology and neurology review
3	Pain/Inflammation,
4	Modality selection (thermal, US, EMS, etc.)
5	Modality selection (thermal, US, EMS, etc.)
6	Movement pattern assessment
7	Injury forces
8	Manual therapy techniques
9	Proprioception/Balance, Strength
10	Intermittent Compression
11	Rock Tape/Mulligan Tape
12	Rehabilitation Design
13	Body support
14	Holiday Break
15	Psychological interventions
16	Pharmacology

## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

653

Course Title:

Patient Evaluation II

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course provides an overview of the etiology, incidence and prevalence, signs and symptoms, course and prognosis, and medical management of common conditions impacting physical activity. Content focuses on observation and evaluation techniques for injuries/impairments affecting the upper body. Students will incorporate information gained from evaluation process and assessment techniques to make a clinical diagnosis.

Credit Hours:

3 ▼

Lecture Contact Hours:

3 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Fall              | <input type="checkbox"/> Fall (even-numbered years only)   | <input type="checkbox"/> Fall (odd-numbered years only)   |
| <input checked="" type="checkbox"/> Spring | <input type="checkbox"/> Spring (even-numbered years only) | <input type="checkbox"/> Spring (odd-numbered years only) |
| <input type="checkbox"/> Summer            | <input type="checkbox"/> On Demand only                    |   |

#### Complete Catalog Description:

ATC 653 Patient Evaluation II

Prerequisite: Permission of program director.

This course provides an overview of the etiology, incidence and prevalence, signs and symptoms, course and prognosis, and medical management of common conditions impacting physical activity. Content focuses on observation and evaluation techniques for injuries/impairments affecting the upper body. Students will incorporate information gained from evaluation process and assessment techniques to make a clinical diagnosis.

Credit hours: 3 Lecture contact hours: 3 Lab contact hours: 0

Typically offered: Spring

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="3"/>		

Is another course being deleted? ☒ No ☐ Yes

**What will this course require in the way of:**

**Additional library Holdings**

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional computer resources**

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional or remodeled facilities**

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

**Additional equipment or supplies**

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

**Additional travel funds**

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

**Additional faculty; general vs specialized**

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

**Additional faculty; regular vs per-course**

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

**Other additional expenses**

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

**Current Status:**

Grad Council Review

**Proposal Progress:**

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

**Review Comments:**

No comments have been added to this proposal.

Copy As New Proposal



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**Patient Evaluation 2**  
**ATC 653**  
**3 credit hours**

**Instructor:** SMAT graduate faculty member  
**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)  
**Office Hours:** TBA

**Office:** 160 Prof Building  
**Phone:** 836-8553 (O)

**COURSE DESCRIPTION**

This course provides an overview of the etiology, incidence and prevalence, signs and symptoms, course and prognosis, and medical management of common conditions impacting physical activity. Content focuses on observation and evaluation techniques for injuries/impairments affecting the upper body. Students will incorporate information gained from evaluation process and assessment techniques to make a clinical diagnosis.

**COURSE OBJECTIVES**

CE-1	Describe the normal structures and interrelated functions of the body systems.
CE-2	Describe the normal anatomical, systemic, and physiological changes associated with the lifespan.
CE-3	Identify the common congenital and acquired risk factors and causes of musculoskeletal injuries and common illnesses that may influence physical activity in pediatric, adolescent, adult, and aging populations.
CE-4	Describe the normal structures and interrelated functions of the body systems.
CE-7	Identify the patient's participation restrictions (disabilities) and activity limitations (functional limitations) to determine the impact of the condition on the patient's life.
CE-12	Apply clinical prediction rules (eg, Ottawa Ankle Rules) during clinical examination procedures.
CE-13	Obtain a thorough medical history that includes the pertinent past medical history, underlying systemic disease, use of medications, the patient's perceived pain, and the history and course of the present condition.
CE-14	Differentiate between an initial injury evaluation and follow-up/reassessment as a means to evaluate the efficacy of the patient's treatment/rehabilitation program, and make modifications to the patient's program as needed.
CE-15	Apply clinical prediction rules (eg, Ottawa Ankle Rules) during clinical examination procedures.
CE-16	Recognize the signs and symptoms of catastrophic and emergent conditions and demonstrate appropriate referral decisions.
CE-17	Use clinical reasoning skills to formulate an appropriate clinical diagnosis for common illness/disease and orthopedic injuries/conditions.
CE-18	Incorporate the concept of differential diagnosis into the examination process.
CE-19	Determine criteria and make decisions regarding return to activity and/or sports participation based on the patient's current status.
CE-20	Use standard techniques and procedures for the clinical examination of common injuries, conditions, illnesses, and diseases including, but not limited to: history taking, inspection/observation, palpation, functional assessment, selective tissue testing techniques/special test, neurological assessments (sensory, motor, reflexes, balance, cognitive function)
CE-21	Assess and interpret findings from a physical examination that is based on the patient's clinical presentation. This exam can include gait.
CE-21e	Capsular and ligamentous stress testing
CE-21f	Joint play (arthrokinematics)
CE-21g	Selective tissue examination techniques / special tests

CE-21h	Neurologic function (sensory, motor, reflexes, balance, cognition)
PD-9	Specify when referral of a client/patient to another healthcare provider is warranted and formulate and implement strategies to facilitate that referral.
PHP-3	Identify modifiable/non-modifiable risk factors and mechanisms for injury and illness.
PHP-6	Summarize the epidemiology data related to the risk of injury and illness associated with participation in physical activity.
PHP-17c	Traumatic brain injury
PHP-17h	Cervical spine injury
PS-7	Describe the psychological techniques (eg, goal setting, imagery, positive self-talk, relaxation/anxiety reduction) that the athletic trainer can use to motivate the patient during injury rehabilitation and return to activity processes.
TI-2	Compare and contrast contemporary theories of pain perception and pain modulation.
TI-3	Differentiate between palliative and primary pain-control interventions.
TI-4	Analyze the impact of immobilization, inactivity, and mobilization on the body systems (eg, cardiovascular, pulmonary, musculoskeletal) and injury response.
TI-5	Compare and contrast the variations in the physiological response to injury and healing across the lifespan.
TI-6	Describe common surgical techniques, including interpretation of operative reports, and any resulting precautions, contraindications, and comorbidities that impact the selection and progression of a therapeutic intervention program.
TI-7	Identify patient- and clinician-oriented outcomes measures commonly used to recommend activity level, make return to play decisions, and maximize patient outcomes and progress in the treatment plan.
TI-8	Explain the theory and principles relating to expected physiological response(s) during and following therapeutic interventions.
TI-9	Describe the laws of physics that (1) underlay the application of thermal, mechanical, electromagnetic, and acoustic energy to the body and (2) form the foundation for the development of therapeutic interventions (eg, stress-strain, leverage, thermodynamics, energy transmission and attenuation, electricity).
TI-10	Integrate self-treatment into the intervention when appropriate, including instructing the patient regarding self-treatment plans.
TI-11	Design therapeutic interventions to meet specified treatment goals.
TI-11a	Assess the patient to identify indications, contraindications, and precautions applicable to the intended intervention.
TI-11b	Position and prepare the patient for various therapeutic interventions.
TI-11c	Describe the expected effects and potential adverse reactions to the patient.
TI-11d	Instruct the patient how to correctly perform rehabilitative exercises.
TI-11e	Apply the intervention, using parameters appropriate to the intended outcome.
TI-11f	Reassess the patient to determine the immediate impact of the intervention.
TI-12	Use the results of on-going clinical examinations to determine when a therapeutic intervention should be progressed, regressed or discontinued.
TI-13	Describe the relationship between the application of therapeutic modalities and the incorporation of active and passive exercise and/or manual therapies, including, therapeutic massage, myofascial techniques, and muscle energy techniques.
TI-14	Describe the use of joint mobilization in pain reduction and restoration of joint mobility.
TI-15	Perform joint mobilization techniques as indicated by examination findings.
TI-18	Compare and contrast the variations in the physiological response to injury and healing across the lifespan.
TI-19	Describe common surgical techniques, including interpretation of operative reports, and any resulting precautions, contraindications, and comorbidities that impact the selection and progression of a therapeutic intervention program.

TI-20	Analyze the impact of immobilization, inactivity, and mobilization on the body systems (eg,cardiovascular, pulmonary, musculoskeletal) and injury response.
TI-21	Compare and contrast the variations in the physiological response to injury and healing across the lifespan.
TI-18	Explain the relationship between posture, biomechanics, and ergonomics and the need to address these components in a therapeutic intervention.
TI-20	Inspect therapeutic equipment and the treatment environment for potential safety hazards.
TI-25	Explain the concepts related to bioavailability, half-life, and bioequivalence (including the relationship between generic and brand name drugs) and their relevance to the patient, the choice of medication, and the dosing schedule.

## **COURSE TEXT and MATERIALS**

**Textbooks:** Evaluation of Orthopedic and Athletic Injuries - Starkey and Ryan.

**BLACKBOARD:** <http://blackboard.missouristate.edu>

Make sure to check blackboard for assignments, class updates, and other important information prior to class.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

The following list is not all inclusive:

Academic Integrity

<http://www.missouristate.edu/provost/22102.htm>

Disability Statement

<http://www.missouristate.edu/disability/>

Nondiscrimination Policy

<http://www.missouristate.edu/equity/>

Policy on Use of Cell Phones in Classes

<http://www.missouristate.edu/registrar/classdis.html>

Office of Registrar – resources for students

<http://www.missouristate.edu/registrar/students.htm>

University Attendance Policy

<http://www.missouristate.edu/registrar/attendan.html>

Emergency Response Plan

<http://www.missouristate.edu/safetran/erp.htm>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)**

Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <

Activity	Points	Grading Scale
Mid-term Examination	50	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Unit Practical Examinations	150	
Written Quizzes	50	
Weekly Injury Evaluations/Journal	100	
Final Written Exam	100	
Other (pts vary based on activity)	50	
<b>Total</b>	<b>500 Points</b>	

(This is a tentative schedule of topics for this course)

Week	Topic
1	Review
2	Hip
3	Hip
4	Head
5	Head
6	Cervical
7	Cervical

8	Thoracic/Lumbar/Abdominal
9	Thoracic/Lumbar/Abdominal
10	Shoulder
11	Shoulder
12	Shoulder
13	Elbow
14	Elbow
15	Wrist/Hand
16	Wrist/Hand

## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

663

Course Title:

Therapeutic Interventions II

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course builds on the knowledge and skills acquired in Therapeutic Interventions I. This course will cover the theoretical and practical application of interventions (therapeutic exercise, modality devices, manual techniques) designed to enhance performance and function with an emphasis on lower extremity injuries and conditions.

Credit Hours:

3 ▼

Lecture Contact Hours:

3 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Fall              | <input type="checkbox"/> Fall (even-numbered years only)   | <input type="checkbox"/> Fall (odd-numbered years only)   |
| <input checked="" type="checkbox"/> Spring | <input type="checkbox"/> Spring (even-numbered years only) | <input type="checkbox"/> Spring (odd-numbered years only) |
| <input type="checkbox"/> Summer            | <input type="checkbox"/> On Demand only                    |   |

#### Complete Catalog Description:

ATC 663 Therapeutic Interventions II

Prerequisite: Permission of program director.

This course builds on the knowledge and skills acquired in Therapeutic Interventions I. This course will cover the theoretical and practical application of interventions (therapeutic exercise, modality devices, manual techniques) designed to enhance performance and function with an emphasis on lower extremity injuries and conditions.

Credit hours: 3 Lecture contact hours: 3 Lab contact hours: 0

Typically offered: Spring

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="3"/>		

Is another course being deleted? ☒ No ☐ Yes

## What will this course require in the way of:

### Additional library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

### Other additional expenses

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

Copy As New Proposal





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## Therapeutic Interventions 2

### ATC 663

3 credit hours

**Instructor:** SMAT graduate faculty member  
**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)  
**Office Hours:** TBA

**Office:** 160 Prof Building  
**Phone:** 836-8553 (O)

### COURSE DESCRIPTION

This course builds on the knowledge and skills acquired in Therapeutic Interventions I. This course will cover the theoretical and practical application of interventions (therapeutic exercise, modality devices, manual techniques) designed to enhance performance and function with an emphasis on lower extremity injuries and conditions.

### COURSE OBJECTIVES

CE-21a	Assessment of posture, gait, and movement patterns
CE-21a.1	posture
CE-21a.2	gait
CE-21a.3	movement patterns
PHP-1	Describe the concepts (eg, case definitions, incidence versus prevalence, exposure assessment, rates) and uses of injury and illness surveillance relevant to athletic training.
TI-1	Describe and differentiate the physiological and pathophysiological responses to inflammatory and non-inflammatory conditions and the influence of these responses on the design, implementation, and progression of a therapeutic intervention.

### COURSE TEXT and MATERIALS

1. **Postsurgical Orthopedic Sports Rehabilitation (Knee & Shoulder)** by RC Manske
2. **Musculoskeletal Interventions: Techniques for Therapeutic Exercise** by Voight, Hoogenboom, Prentice
3. **Movement** by Gray Cook
4. **Movement Restoration: Improving Movement Always and in All Ways** by Hetzler, Rakowski, Raynor

**BLACKBOARD:** <http://blackboard.missouristate.edu>

**Make sure to check blackboard for assignments, class updates, and other important information prior to class**

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

### The following list is not all inclusive:

**Academic Integrity**  
**Disability Statement**  
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**Policy on Use of Cell Phones in Classes**  
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<http://www.missouristate.edu/registrar/students.htm>  
<http://www.missouristate.edu/registrar/attendan.html>  
<http://www.missouristate.edu/safetran/erp.htm>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)**

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

Activity	Points	Grading Scale
Four unit exams	400	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Three lab practical exams	300	
One comprehensive final	200	
Eight outside assignments	200	
<b>Total</b>	<b>1100 Points</b>	

**NOTE:** There may likely be additional assignments throughout the semester which would affect the total points available for the course. The assignment of grades will still be on a percentage basis of the final point total for the course at the end of the semester.

## **Tentative Course Schedule**

### Unit 1 (Weeks 1-5)

1. Effects of injury on various body systems and upper extremity structures
1. Post-operative inflammation and healing response
2. Modality usage for the post-operative period to manage pain
3. Factors influencing selection of therapeutic modalities to address soft tissue injury and/or pain and assessing outcomes of common upper extremity conditions

### Unit 2 (Weeks 6-11)

1. Basic body movement patterns and impact in injuries to the upper extremity
2. Impact of stresses applied to human tissues that result in injuries to the upper extremity
3. Common manual therapy interventions and assessing outcomes related to common upper extremity conditions
4. Elements of rehabilitation program design and implementation for common upper extremity conditions

### Unit 3 (Weeks 12-16)

1. Utilization of the FMs and SFMA to identify and correct movement dysfunction
2. Breathing patterns
3. Student led rehabilitation programming for selected upper and lower extremity conditions

## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

671

Course Title:

AT Integrated Lab II

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

Course content emphasizes the management of patients with musculoskeletal injuries/impairments of the upper body. Students will integrate skills and knowledge of examination, assessment, diagnosis, prognosis, treatment, analysis of functional outcomes, and re-assessment to develop and manage appropriate patient plans of care. Emphasis will be placed upon using a systematic process, critical thinking, progression of techniques, and evidence based decision making.

Credit Hours:

1 ▼

Lecture Contact Hours:

0 ▼

Lab Contact Hours:

2 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Fall              | <input type="checkbox"/> Fall (even-numbered years only)   | <input type="checkbox"/> Fall (odd-numbered years only)   |
| <input checked="" type="checkbox"/> Spring | <input type="checkbox"/> Spring (even-numbered years only) | <input type="checkbox"/> Spring (odd-numbered years only) |
| <input type="checkbox"/> Summer            | <input type="checkbox"/> On Demand only                    |   |

#### Complete Catalog Description:

ATC 671 AT Integrated Lab II

Prerequisite: Permission of program director.

Course content emphasizes the management of patients with musculoskeletal injuries/impairments of the upper body. Students will integrate skills and knowledge of examination, assessment, diagnosis, prognosis, treatment, analysis of functional outcomes, and re-assessment to develop and manage appropriate patient plans of care. Emphasis will be placed upon using a systematic process, critical thinking, progression of techniques, and evidence based decision making.

Credit hours: 1 Lecture contact hours: 0 Lab contact hours: 2

Typically offered: Spring

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="2"/>		

Is another course being deleted? ☒ No ☐ Yes

## What will this course require in the way of:

### Additional library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

### Other additional expenses

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

**Current Status:**

Grad Council Review

**Proposal Progress:**

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

**Review Comments:**

No comments have been added to this proposal.

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## Athletic Training Integrated Lab 2

**ATC 671**

**1 credit hours**

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

### **COURSE DESCRIPTION**

Course content emphasizes the management of patients with musculoskeletal injuries/impairments of the upper body. Students will integrate skills and knowledge of examination, assessment, diagnosis, prognosis, treatment, analysis of functional outcomes, and re-assessment to develop and manage appropriate patient plans of care. Emphasis will be placed upon using a systematic process, critical thinking, progression of techniques, and evidence based decision making.

### **COURSE OBJECTIVES**

AC-43	Instruct the patient in home care and self-treatment plans for acute conditions.
CE-8	Explain the role and importance of functional outcome measures in clinical practice and patient health-related quality of life.
CE-21	Assess and interpret findings from a physical examination that is based on the patient's clinical presentation. This exam can include movement patterns
PHP-31	Instruct a client/patient regarding fitness exercises and the use of muscle strengthening equipment to include correction or modification of inappropriate, unsafe, or dangerous lifting techniques.
PS-8	Describe psychological interventions (eg, goal setting, motivational techniques) that are used to facilitate a patient's physical, psychological, and return to activity needs.
PS-9	Describe the psychosocial factors that affect persistent pain sensation and perception (eg, emotional state, locus of control, psychodynamic issues, sociocultural factors, personal values and beliefs) and identify multidisciplinary approaches for assisting patients with persistent pain.

### **COURSE TEXT and MATERIALS**

**Textbooks:** Evaluation of Orthopedic and Athletic Injuries - Starkey and Ryan.  
Therapeutic Exercise from Theory to Practice by Michael Higgins  
Physical Agents in Rehabilitation by Michelle Cameron

**BLACKBOARD:** <http://blackboard.missouristate.edu>

Make sure to check blackboard for assignments, class updates, and other important information prior to class.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

**The following list is not all inclusive:**

**Academic Integrity**

**Disability Statement**

**Nondiscrimination Policy**

**Policy on Use of Cell Phones in Classes**

**Office of Registrar – resources for students**

**University Attendance Policy**

**Emergency Response Plan**

<http://www.missouristate.edu/provost/22102.htm>

<http://www.missouristate.edu/disability/>

<http://www.missouristate.edu/equity/>

<http://www.missouristate.edu/registrar/classdis.html>

<http://www.missouristate.edu/registrar/students.htm>

<http://www.missouristate.edu/registrar/attendan.html>

<http://www.missouristate.edu/safetran/erp.htm>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)**

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

A standard grade policy will be utilized for this course.

Activity	Points	Grading Scale
Case reviews (4 @ 50 each)	100	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Lab activities (10 @ 30 each)	300	
Documentation of assessment/tx (6@50 each)	300	
Practical Exams (2 @ 100 each)	200	
<b>Total</b>	<b>900 Points</b>	

### **TENTATIVE COURSE OUTLINE – Spring 20XX**

Week	Topic
1	Mobilization and neural glides lab
2	PNF and traction lab
3	Head assessment and vestibular lab
4	Iontophoresis, light/Laser, diathermy lab
5	Myofascial release and massage lab
6	Practical Exam
7	Practical Exam
8	Upper body assessment and intervention lab 1
9	Upper body assessment and intervention lab 2
10	Upper body assessment and intervention lab 3
11	Upper body assessment and intervention lab 4
12	Upper body assessment and intervention lab 5
13	Upper body assessment and intervention lab 6
14	Review
15	Practical Exam
16	Practical Exam

## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

682

Course Title:

AT Practicum II

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course is designed to provide students with continued familiarity with a variety of patients, diagnoses, age ranges, and situations; to see the roles of athletic trainers. This is a supervised, 16-week clinical experience that provides the opportunity to observe and apply knowledge and skills gained from didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.

Credit Hours:

2 ▼

Lecture Contact Hours:

0 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- ☐ Fall
 ☐ Fall (even-numbered years only)
 ☐ Fall (odd-numbered years only)
- ☒ Spring
 ☐ Spring (even-numbered years only)
 ☐ Spring (odd-numbered years only)
- ☐ Summer
 ☐ On Demand only

Complete Catalog Description:

ATC 682 AT Practicum II  
Prerequisite: Permission of program director.  
This course is designed to provide students with continued familiarity with a variety of patients, diagnoses, age ranges, and situations; to see the roles of athletic trainers. This is a supervised, 16-week clinical experience that provides the opportunity to observe and apply knowledge and skills gained from didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.  
Credit hours: 2 Lecture contact hours: 0 Lab contact hours: 0  
Typically offered: Spring

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

Attached

Purpose of Course

To provide clinical experiences for athletic training students, educate students on the athletic training profession, and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

New Course Resource Information

Anticipated Average Enrollment per section:	<div>20</div>	Maximum Enrollment Limit per section:	<div>30</div>
Anticipated Average Enrollment per semester:	<div>20</div>	Maximum Enrollment Limit per semester:	<div>30</div>
Anticipated Average Enrollment per year:	<div>20</div>	Maximum Enrollment Limit per year:	<div>30</div>
Faculty Load Assignment (equated hours):	<div>2</div>		

Is another course being deleted? ☒ No ☐ Yes

**What will this course require in the way of:**

**Additional library Holdings**

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional computer resources**

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional or remodeled facilities**

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

**Additional equipment or supplies**

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

**Additional travel funds**

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

**Additional faculty; general vs specialized**

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

**Additional faculty; regular vs per-course**

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

**Other additional expenses**

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

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## **Athletic Training Practicum 2**

**ATC 682**

**2 credit hours**

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

### **COURSE DESCRIPTION**

This course is designed to provide students with continued familiarity with a variety of patients, diagnoses, age ranges, and situations; to see the roles of athletic trainers. This is a supervised, 16-week clinical experience that provides the opportunity to observe and apply knowledge and skills gained from didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.

### **COURSE OBJECTIVES**

1. Demonstrate, during all clinical experiences, professional behaviors expected of health care professionals.
2. Demonstrate understanding and application of all cognitive and psychomotor competencies covered in prior courses of the AT Program.
3. Utilize clinical experiences to improve in all aspects of athletic training and life.
4. Review and advance skills learned in previous AT Program courses.

### **COURSE TEXT and MATERIALS**

**Textbooks:** No required text.

**BLACKBOARD:** <http://blackboard.missouristate.edu>

Make sure to check blackboard for assignments, class updates, and other important information prior to class.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

### **The following list is not all inclusive:**

**Academic Integrity**

**Disability Statement**

**Nondiscrimination Policy**

**Policy on Use of Cell Phones in Classes**

**Office of Registrar – resources for students**

**University Attendance Policy**

**Emergency Response Plan**

<http://www.missouristate.edu/provost/22102.htm>

<http://www.missouristate.edu/disability/>

<http://www.missouristate.edu/equity/>

<http://www.missouristate.edu/registrar/classdis.html>

<http://www.missouristate.edu/registrar/students.htm>

<http://www.missouristate.edu/registrar/attendan.html>

<http://www.missouristate.edu/safetran/erp.htm>



**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)****Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

A standard grade policy will be utilized for this course.

Activity	Points	Grading Scale
E-folio Round 1	40	A = 90.0 - 100% of total pts.
Interprofessional Education (IPE) Experience	40	
NFL Concussion Assignment	25	B = 80.0 - 89.9% of total pts.
Sports Protective Equipment Assignment	50	
Clinical Experience Reflective Posts	160	C = 70.0 - 79.9% of total pts.
Mid-term Clinical Evaluation Score	50	
Final Clinical Evaluation Score	50	D = 60.0 - 69.9% of total pts.
E-folio Round 2	30	
Blackboard Discussion Board Participation	55	F = 00.0 - 59.9% of total pts.
<b>Total</b>	<b>500 Points</b>	

**Course Outline**

WEEK	TOPIC
1	Review syllabus and course outline
2	Round 1 E-Folio
3	Reflection Log 1 Post
4	Reflection Log 1 Discussion NFL Concussion Assignment
5	Reflection Log 2 Post
6	Reflection Log 2 Discussion
7	Reflection Log 3 Post
8	Athletic Protective Equipment Assignment Due Reflection Log 3 Discussion Mid-semester SELF Clinical Evaluation (ATrack)
	Reflection Log 4 Post
9	Reflection Log 4 Discussion
10	Reflection Log 5 Post
11	Reflection Log 5 Discussion
12	Reflection Log 6 Post
13	Reflection Log 6 Discussion
14	Reflection Log 7 Post End of Semester SELF Clinical Evaluation (ATrack)
15	Reflection Log 7 Discussion
16	Interprofessional Education (IPE) Experience Assignment E-folio



## New Course Proposal Form

Submitted on 12/20/2016 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

697

Course Title:

Special Topics

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

Variable content and variable credit course. Special study of Sports Medicine and Athletic Training. May be repeated for credit to a maximum of 3 hours. Same topic may be repeated once for credit.

Credit Hours:

3 ▼

Lecture Contact Hours:

0 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- ☐ Fall ☐ Fall (even-numbered years only) ☐ Fall (odd-numbered years only)

☐ Spring ☐ Spring (even-numbered years only) ☐ Spring (odd-numbered years only)

☐ Summer ☒ On Demand only

#### Complete Catalog Description:

ATC 697 Special Topics

Prerequisite: Permission of program director.

Variable content and variable credit course. Special study of Sports Medicine and Athletic Training. May be repeated for credit to a maximum of 3 hours. Same topic may be repeated once for credit.

Credit hours: 3 Lecture contact hours: 0 Lab contact hours: 0

Typically offered: On Demand only

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

Syllabus will vary according to content and credit.

*Attached*

#### Purpose of Course

Provide students with the opportunity to pursue a special topic of personal interest.

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:

20

Maximum Enrollment Limit per section:

30

Anticipated Average Enrollment per semester:

20

Maximum Enrollment Limit per semester:

30

Anticipated Average Enrollment per year:

20

Maximum Enrollment Limit per year:

30

Faculty Load Assignment (equated hours):

3

Is another course being deleted? ☒ No ☐ Yes

What will this course require in the way of:

Additional Library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

#### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

#### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

#### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

#### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

#### Other additional expenses

No additional expenses are anticipated.

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

**Current Status:**

Grad Council Review

**Proposal Progress:**

12/20/2016 - Submitted by Department Head (Tona Hetzler)

12/26/2016 - Reviewed by Dean (Helen Reid)

**Review Comments:**

No comments have been added to this proposal.

Copy As New Proposal



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**Special Topics**  
**ATC 697**  
1-3 credit hour

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

**COURSE DESCRIPTION**

Variable content and variable credit course. Special study of Sports Medicine and Athletic Training. May be repeated for credit to a maximum of 3 hours. Same topic may be repeated once for credit. Prerequisite: permission of Master of Athletic Training program director.

**COURSE OBJECTIVES**

Varies by student and topic selected.

**COURSE TEXT and MATERIALS**

**Textbooks:** Varies

**BLACKBOARD:** <http://blackboard.missouristate.edu>

Make sure to check blackboard for assignments, class updates, and other important information prior to class.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

**The following list is not all inclusive:**

<b>Academic Integrity</b>	<a href="http://www.missouristate.edu/provost/22102.htm">http://www.missouristate.edu/provost/22102.htm</a>
<b>Disability Statement</b>	<a href="http://www.missouristate.edu/disability/">http://www.missouristate.edu/disability/</a>
<b>Nondiscrimination Policy</b>	<a href="http://www.missouristate.edu/equity/">http://www.missouristate.edu/equity/</a>
<b>Policy on Use of Cell Phones in Classes</b>	<a href="http://www.missouristate.edu/registrar/classdis.html">http://www.missouristate.edu/registrar/classdis.html</a>
<b>Office of Registrar – resources for students</b>	<a href="http://www.missouristate.edu/registrar/students.htm">http://www.missouristate.edu/registrar/students.htm</a>
<b>University Attendance Policy</b>	<a href="http://www.missouristate.edu/registrar/attendan.html">http://www.missouristate.edu/registrar/attendan.html</a>
<b>Emergency Response Plan</b>	<a href="http://www.missouristate.edu/safetran/erp.htm">http://www.missouristate.edu/safetran/erp.htm</a>

**Student Evaluation and Grading:** (plus/minus grading will NOT be utilized in this course)

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

**Assignments and schedule will vary by student and topic selected.**



## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

711

Course Title:

Problem Based Practice

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

Students will be engaged in real cases that develop both problem solving strategies and disciplinary knowledge. Students will be placed in the active role of problem-solvers within situations that simulates the kind of problems faced by health care providers. Emphasis will be placed upon decision making and evidence based rationale. Must be repeated for a minimum of 3 hours.

Credit Hours:

1 ▼

Lecture Contact Hours:

1 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

<input checked="" type="checkbox"/> Fall	<input type="checkbox"/> Fall (even-numbered years only)	<input type="checkbox"/> Fall (odd-numbered years only)
<input checked="" type="checkbox"/> Spring	<input type="checkbox"/> Spring (even-numbered years only)	<input type="checkbox"/> Spring (odd-numbered years only)
<input checked="" type="checkbox"/> Summer	<input type="checkbox"/> On Demand only	

#### Complete Catalog Description:

ATC 711 Problem Based Practice

Prerequisite: Permission of program director.

Students will be engaged in real cases that develop both problem solving strategies and disciplinary knowledge. Students will be placed in the active role of problem-solvers within situations that simulates the kind of problems faced by health care providers. Emphasis will be placed upon decision making and evidence based rationale. Must be repeated for a minimum of 3 hours.

Credit hours: 1 Lecture contact hours: 1 Lab contact hours: 0

Typically offered: Fall, Spring, Summer

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="1"/>		

Is another course being deleted? ☒ No ☐ Yes

## What will this course require in the way of:

### Additional library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

### Other additional expenses

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

**Current Status:**

Grad Council Review

**Proposal Progress:**

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

**Review Comments:**

No comments have been added to this proposal.

Copy As New Proposal



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**Problem Based Practice**  
**ATC 711**  
**1 credit hours**

**Instructor:** SMAT graduate faculty member  
**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)  
**Office Hours:** TBA

**Office:** 160 Prof Building  
**Phone:** 836-8553 (O)

**COURSE DESCRIPTION**

Students will be engaged in real cases that develop both problem solving strategies and disciplinary knowledge. Students will be placed in the active role of problem-solvers within situations that simulates the kind of problems faced by health care providers. Emphasis will be placed upon decision making and evidence based rationale. Must be repeated for a minimum of 3 hours.

**COURSE OBJECTIVES**

CE-22	Determine when the findings of an examination warrant referral of the patient.
CIP-1	Administer testing procedures to obtain baseline data regarding a client's/patient's level of general health (including nutritional habits, physical activity status, and body composition). Use this data to design, implement, evaluate, and modify a program specific to the performance and health goals of the patient. This will include instructing the patient in the proper performance of the activities, recognizing the warning signs and symptoms of potential injuries and illnesses that may occur, and explaining the role of exercise in maintaining overall health and the prevention of diseases. Incorporate contemporary behavioral change theory when educating clients/patients and associated individuals to effect health-related change. Refer to other medical and health professionals when appropriate.
CIP-2	Select, apply, evaluate, and modify appropriate standard protective equipment, taping, wrapping, bracing, padding, and other custom devices for the client/patient in order to prevent and/or minimize the risk of injury to the head, torso, spine, and extremities for safe participation in sport or other physical activity.
CIP-3	Develop, implement, and monitor prevention strategies for at-risk individuals (e.g., persons with asthma or diabetes, persons with a previous history of heat illness, persons with sickle cell trait) and large groups to allow safe physical activity in a variety of conditions. This includes obtaining and interpreting data related to potentially hazardous environmental conditions, monitoring body functions (e.g., blood glucose, peak expiratory flow, hydration status), and making the appropriate recommendations for individual safety and activity status.
CIP-4	Perform a comprehensive clinical examination of a patient with an upper extremity, lower extremity, head, neck, thorax, and/or spine injury or condition. This exam should incorporate clinical reasoning in the selection of assessment procedures and interpretation of findings in order to formulate a differential diagnosis and/or diagnosis, determine underlying impairments, and identify activity limitations and participation restrictions. Based on the assessment data and consideration of the patient's goals, provide the appropriate initial care and establish overall treatment goals. Create and implement a therapeutic intervention that targets these treatment goals to include, as appropriate, therapeutic modalities, medications (with physician involvement as necessary), and rehabilitative techniques and procedures. Integrate and interpret various forms of standardized documentation including both patient-oriented and clinician-oriented outcomes measures to recommend activity level, make return to play decisions, and maximize patient outcomes and progress in the treatment plan – upper extremity, lower extremity, head, neck thorax, spine

CIP-5	Perform a comprehensive clinical examination of a patient with a common illness/condition that includes appropriate clinical reasoning in the selection of assessment procedures and interpretation of history and physical examination findings in order to formulate a differential diagnosis and/or diagnosis. Based on the history, physical examination, and patient goals, implement the appropriate treatment strategy to include medications (with physician involvement as necessary). Determine whether patient referral is needed, and identify potential restrictions in activities and participation. Formulate and communicate the appropriate return to activity protocol.
CIP-6	Clinically evaluate and manage a patient with an emergency injury or condition to include the assessment of vital signs and level of consciousness, activation of emergency action plan, secondary assessment, diagnosis, and provision of the appropriate emergency care (e.g., CPR, AED, supplemental oxygen, airway adjunct, splinting, spinal stabilization, control of bleeding).
CIP-7	Select and integrate appropriate psychosocial techniques into a patient's treatment or rehabilitation program to enhance rehabilitation adherence, return to play, and overall outcomes. This includes, but is not limited to, verbal motivation, goal setting, imagery, pain management, self-talk, and/or relaxation.
CIP-8	Demonstrate the ability to recognize and refer at-risk individuals and individuals with psychosocial disorders and/or mental health emergencies. As a member of the management team, develop an appropriate management plan (including recommendations for patient safety and activity status) that establishes a professional helping relationship with the patient, ensures interactive support and education, and encourages the athletic trainer's role of informed patient advocate in a manner consistent with current practice guidelines.
CIP-9	Utilize documentation strategies to effectively communicate with patients, physicians, insurers, colleagues, administrators, and parents or family members while using appropriate terminology and complying with statutes that regulate privacy of medical records. This includes using a comprehensive patient-file management system (including diagnostic and procedural codes) for appropriate chart documentation, risk management, outcomes, and billing.
EBP-10	Determine the effectiveness and efficacy of an athletic training intervention utilizing evidence-based practice concepts.
EBP-14	Apply and interpret clinical outcomes to assess patient status, progress, and change using psychometrically sound outcome instruments.

### **COURSE TEXT and MATERIALS**

**Textbooks:** Athletic Training Case Scenarios: Domain-Based Situations and Solutions.  
Gorse, Feld & Blanc text

**BLACKBOARD:** <http://blackboard.missouristate.edu>

**Make sure to check blackboard for assignments, class updates, and other important information prior to class.**

**NOTE: All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.**

### **The following list is not all inclusive:**

**Academic Integrity**

**Disability Statement**

**Nondiscrimination Policy**

**Policy on Use of Cell Phones in Classes**

**Office of Registrar – resources for students**

**University Attendance Policy**

**Emergency Response Plan**

<http://www.missouristate.edu/provost/22102.htm>

<http://www.missouristate.edu/disability/>

<http://www.missouristate.edu/equity/>

<http://www.missouristate.edu/registrar/classdis.html>

<http://www.missouristate.edu/registrar/students.htm>

<http://www.missouristate.edu/registrar/attendan.html>

<http://www.missouristate.edu/safetran/erp.htm>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)****Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

A standard grade policy will be utilized for this course.

Activity	Points	Grading Scale
Case Study Resolution Assignments	400	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Blackboard Discussion Posts	100	
Evidence-Based Literature Review	100	
Case Study Development	50	
Case Study Presentation	50	
Participation in case scenario situations	100	
Final Written Exam	50	
<b>Total</b>	<b>850 Points</b>	

Week	Topic
1	Introduction/Posture/Movement
2	Evaluation and treatment methods
3	Pain
4	Case Study Domain I: Injury/Illness Prevention and Wellness Protection
5	Case Study Domain I: Injury/Illness Prevention and Wellness Protection
6	ROM/Thermal agents
7	Case Study Domain II: Clinical Evaluation and Diagnosis
8	Case Study Domain II: Clinical Evaluation and Diagnosis
9	Strength/Electrical agents
10	Case Study Domain III: Immediate and Emergency Care
11	Case Study Domain III: Immediate and Emergency Care
12	Proprioception
13	Case Study Domain IV: Treatment and Rehabilitation
14	Case Study Domain IV: Treatment and Rehabilitation
15	Cardiovascular
16	Case Study Domain V: Organizational and Professional Health and Well-being



## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

## \*All fields require input

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

713

Course Title:

AT Practicum III

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course consists of a 4 - 6 week structured clinical experience under the supervision of a qualified preceptor. Students are expected to develop their clinical decision making skills and apply skills and knowledge gained in didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.

Credit Hours:

3 ▼

Lecture Contact Hours:

0 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- |  |  |   |
|--|--|---|
| <input type="checkbox"/> Fall              | <input type="checkbox"/> Fall (even-numbered years only)   | <input type="checkbox"/> Fall (odd-numbered years only)   |
| <input type="checkbox"/> Spring            | <input type="checkbox"/> Spring (even-numbered years only) | <input type="checkbox"/> Spring (odd-numbered years only) |
| <input checked="" type="checkbox"/> Summer | <input type="checkbox"/> On Demand only                    |   |

#### Complete Catalog Description:

ATC 713 AT Practicum III

Prerequisite: Permission of program director.

This course consists of a 4 - 6 week structured clinical experience under the supervision of a qualified preceptor. Students are expected to develop their clinical decision making skills and apply skills and knowledge gained in didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.

Credit hours: 3 Lecture contact hours: 0 Lab contact hours: 0

Typically offered: Summer

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To provide clinical experiences for athletic training students, educate students on the athletic training profession, and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="3"/>		

Is another course being deleted? ☒ No ☐ Yes

## What will this course require in the way of:

### Additional library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

### Other additional expenses

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

Copy As New Proposal



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# Athletic Training Practicum 3

## ATC 713

3 credit hours

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

### COURSE DESCRIPTION

This course consists of a 4 - 8 week structured clinical experience under the supervision of a qualified preceptor. Students are expected to develop their clinical decision making skills and apply skills and knowledge gained in didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.

### COURSE OBJECTIVES

1. Demonstrate, during all clinical experiences, professional behaviors expected of health care professionals.
2. Demonstrate understanding and application of all cognitive and psychomotor competencies covered in prior courses of the AT Program.
3. Utilize clinical experiences to improve in all aspects of athletic training and life.
4. Review and advance skills learned in previous AT Program courses.

### COURSE TEXT and MATERIALS

**Textbooks:** No required text.

**BLACKBOARD:** <http://blackboard.missouristate.edu>

Make sure to check blackboard for assignments, class updates, and other important information prior to class.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

### The following list is not all inclusive:

Academic Integrity

<http://www.missouristate.edu/provost/22102.htm>

Disability Statement

<http://www.missouristate.edu/disability/>

Nondiscrimination Policy

<http://www.missouristate.edu/equity/>

Policy on Use of Cell Phones in Classes

<http://www.missouristate.edu/registrar/classdis.html>

Office of Registrar – resources for students

<http://www.missouristate.edu/registrar/students.htm>

University Attendance Policy

<http://www.missouristate.edu/registrar/attendan.html>

Emergency Response Plan

<http://www.missouristate.edu/safetran/erp.htm>

**Student Evaluation and Grading:** (plus/minus grading will NOT be utilized in this course)

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

A standard grade policy will be utilized for this course.

Activity	Points	Grading Scale
E-folio Round 1	40	A = 90.0 - 100% of total pts.
Interprofessional Education (IPE) Experience	40	B = 80.0 - 89.9% of total pts.
Clinical Experience Reflective Posts	140	C = 70.0 - 79.9% of total pts.
Surgical Rotation and Statement of Purpose	10	D = 60.0 - 69.9% of total pts.
Mid-term Clinical Evaluation Score	100	F = 00.0 - 59.9% of total pts.

Final Clinical Evaluation Score	100	
E-folio Round 2	30	
Blackboard Discussion Board Participation	40	
<b>Total</b>	<b>500 Points</b>	

### Course Outline

WEEK	TOPIC
1	Review syllabus and course outline Watch Surgical Video
2	Round 1 E-Folio
3	Reflection Log 1 Post
4	Mid-semester Self Clinical Evaluation (ATrack) Reflection Log 1 Discussion
5	Reflection Log 2 Post
6	Reflection Log 2 Discussion
7	Reflection Log 3 Post
8	Reflection Log 3 Discussion due Surgical reports
Final	Preceptor evaluation & End-semester Self Clinical E-folio due

## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

724

Course Title:

AT Practicum IV

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course provides clinical practice in the form of an eight-week, immersive clinical practicum under the supervision of a qualified preceptor. Students are expected to continue to develop their clinical decision making skills and apply skills and knowledge gained in didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.

Credit Hours:

4 ▼

Lecture Contact Hours:

0 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")



Periodicity. Check all that apply.

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fall | <input type="checkbox"/> Fall (even-numbered years only)   | <input type="checkbox"/> Fall (odd-numbered years only)   |
| <input type="checkbox"/> Spring          | <input type="checkbox"/> Spring (even-numbered years only) | <input type="checkbox"/> Spring (odd-numbered years only) |
| <input type="checkbox"/> Summer          | <input type="checkbox"/> On Demand only                    |   |

#### Complete Catalog Description:

ATC 724 AT Practicum IV

Prerequisite: Permission of program director.

This course provides clinical practice in the form of an eight-week, immersive clinical practicum under the supervision of a qualified preceptor. Students are expected to continue to develop their clinical decision making skills and apply skills and knowledge gained in didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.

Credit hours: 4 Lecture contact hours: 0 Lab contact hours: 0

Typically offered: Fall

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To provide clinical experiences for athletic training students, educate students on the athletic training profession, and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="4"/>		

Is another course being deleted? ☒ No ☐ Yes

**What will this course require in the way of:**

**Additional library Holdings**

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional computer resources**

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional or remodeled facilities**

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

**Additional equipment or supplies**

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

**Additional travel funds**

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

**Additional faculty; general vs specialized**

well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

**Additional faculty; regular vs per-course**

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

**Other additional expenses**

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

Copy As New Proposal



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# Athletic Training Practicum 4

**ATC 724**

**4 credit hours**

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

## **COURSE DESCRIPTION**

This course provides clinical practice in the form of an eight-week, immersive clinical practicum under the supervision of a qualified preceptor. Students are expected to continue to develop their clinical decision making skills and apply skills and knowledge gained in didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.

## **COURSE OBJECTIVES**

1. Demonstrate, during all clinical experiences, professional behaviors expected of health care professionals.
2. Demonstrate understanding and application of all cognitive and psychomotor competencies covered in prior courses of the AT Program.
3. Utilize clinical experiences to improve in all aspects of athletic training and life.
4. Review and advance skills learned in previous AT Program courses.

## **COURSE TEXT and MATERIALS**

**Textbooks:** No required text.

**BLACKBOARD:** <http://blackboard.missouristate.edu>

Make sure to check blackboard for assignments, class updates, and other important information prior to class.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

### **The following list is not all inclusive:**

**Academic Integrity**

**Disability Statement**

**Nondiscrimination Policy**

**Policy on Use of Cell Phones in Classes**

**Office of Registrar – resources for students**

**University Attendance Policy**

**Emergency Response Plan**

<http://www.missouristate.edu/provost/22102.htm>

<http://www.missouristate.edu/disability/>

<http://www.missouristate.edu/equity/>

<http://www.missouristate.edu/registrar/classdis.html>

<http://www.missouristate.edu/registrar/students.htm>

<http://www.missouristate.edu/registrar/attendan.html>

<http://www.missouristate.edu/safetran/erp.htm>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)**

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

Activity	Points	Grading Scale
E-folio Round 1	40	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Interprofessional Education (IPE) Experience	40	
Values Priority Assignment	20	
Brain Quiz	5	
SOAP Note Assignment	50	
Clinical Experience Reflective Posts	160	
Mid-term Clinical Evaluation Score	50	
Final Clinical Evaluation Score	50	
E-folio Round 2	30	
Blackboard Discussion Board Participation	55	
<b>Total</b>	<b>500 Points</b>	

**Course Outline**

WEEK	TOPIC
1	Review syllabus and course outline
2	Round 1 E-Folio
3	Reflection Log 1 Post
4	Reflection Log 1 Discussion Values Priority Assessment
5	Reflection Log 2 Post
6	Reflection Log 2 Discussion
7	Reflection Log 3 Post
8	Reflection Log 3 Discussion Mid-semester SELF Eval (ATrack)
9	Reflection Log 4 Post
10	Reflection Log 4 Discussion
11	Reflection Log 5 Post
12	Reflection Log 5 Discussion SOAP Note Assignment
13	Reflection Log 6 Post
14	Reflection Log 6 Discussion Brain Quiz Due
15	Reflection Log 7 Post End-Term SELF Eval (ATrack)
16	Reflection Log 7 Discussion
Final	Course Evaluations (email) Preceptor Evaluation (ATrack) Interprofessional Education (IPE) Experience) E-folio

## New Course Proposal Form

Submitted on 12/20/2016 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

734

Course Title:

Professional Development and Leadership

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of the program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course introduces the student to the role of the athletic trainer as a leader within their own site, the profession, and the broader interprofessional health care system. Integration of the University's Public Affairs mission into the practice and management of fiscal management, marketing, and human resource functions. Discussion of regulatory systems, legal considerations, global issues, and ethics in the profession will be discussed.

Credit Hours:

4 ▼

Lecture Contact Hours:

4 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fall | <input type="checkbox"/> Fall (even-numbered years only)   | <input type="checkbox"/> Fall (odd-numbered years only)   |
| <input type="checkbox"/> Spring          | <input type="checkbox"/> Spring (even-numbered years only) | <input type="checkbox"/> Spring (odd-numbered years only) |
| <input type="checkbox"/> Summer          | <input type="checkbox"/> On Demand only                    |   |

#### Complete Catalog Description:

ATC 734 Professional Development and Leadership

Prerequisite: Permission of the program director.

This course introduces the student to the role of the athletic trainer as a leader within their own site, the profession, and the broader interprofessional health care system. Integration of the University's Public Affairs mission into the practice and management of fiscal management, marketing, and human resource functions. Discussion of regulatory systems, legal considerations, global issues, and ethics in the profession will be discussed.

Credit hours: 4 Lecture contact hours: 4 Lab contact hours: 0

Typically offered: Fall

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="4"/>		

Is another course being deleted? ☒ No ☐ Yes



**What will this course require in the way of:**

**Additional library Holdings**

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional computer resources**

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

**Additional or remodeled facilities**

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

**Additional equipment or supplies**

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

**Additional travel funds**

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

**Additional faculty; general vs specialized**

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

**Additional faculty; regular vs per-course**

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

**Other additional expenses**

No additional expenses are anticipated.

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

12/20/2016 - Submitted by Department Head (Tona Hetzler)

12/26/2016 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

Copy As New Proposal



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# Professional Development & Leadership

## ATC 734

4 credit hours (2<sup>nd</sup> block course, 8 weeks)

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

### COURSE DESCRIPTION

This course introduces the student to the role of the athletic trainer as a leader within their own site, the profession, and the broader interprofessional health care system. Integration of the University's Public Affairs mission into the practice and management of fiscal management, marketing, and human resource functions. Discussion of regulatory systems, legal considerations, global issues, and ethics in the profession will be discussed.

### COURSE OBJECTIVES

AC-1	Explain the legal, moral, and ethical parameters that define the athletic trainer's scope of acute and emergency care.
CE-23	Describe current setting-specific (eg, high school, college) and activity-specific rules and guidelines for managing injuries and illnesses.
HA-1	Describe the role of the athletic trainer and the delivery of athletic training services within the context of the broader healthcare system.
HA-2	Describe the impact of organizational structure on the daily operations of a healthcare facility.
HA-3	Describe the role of strategic planning as a means to assess and promote organizational improvement.
HA-4	Describe the conceptual components of developing and implementing a basic business plan.
HA-5	Describe basic healthcare facility design for a safe and efficient clinical practice setting.
HA-6	Explain components of the budgeting process including: purchasing, requisition, bidding, request for proposal, inventory, profit and loss ratios, budget balancing, and return on investments.
HA-7	Assess the value of the services provided by an athletic trainer (eg, return on investment).
HA-8	Develop operational and capital budgets based on a supply inventory and needs assessment; including capital equipment, salaries and benefits, trending analysis, facility cost, and common expenses.
HA-9	Identify the components that comprise a comprehensive medical record.
HA-10	Identify and explain the statutes that regulate the privacy and security of medical records.
HA-11	Use contemporary documentation strategies to effectively communicate with patients, physicians, insurers, colleagues, administrators, and parents or family members.
HA-12	Use a comprehensive patient-file management system for appropriate chart documentation, risk management, outcomes, and billing.
HA-13	Define state and federal statutes that regulate employment practices.
HA-14	Describe principles of recruiting, selecting, hiring, and evaluating employees.
HA-15	Identify principles of recruiting, selecting, employing, and contracting with physicians and other medical and healthcare personnel in the deployment of healthcare services.
HA-16	Describe federal and state infection control regulations and guidelines, including universal precautions as mandated by the Occupational Safety and Health Administration (OSHA), for the prevention, exposure, and control of infectious diseases and discuss how they apply to the practicing of athletic training.
HA-17	Identify key regulatory agencies that impact healthcare facilities, and describe their function in the regulation and overall delivery of healthcare.
HA-18	Describe the basic legal principles that apply to an athletic trainer's responsibilities.

HA-19	Identify components of a risk management plan to include security, fire, electrical and equipment safety, emergency preparedness, and hazardous chemicals.
HA-20	Create a risk management plan and develop associated policies and procedures to guide the operation of athletic training services within a healthcare facility to include issues related to security, fire, electrical and equipment safety, emergency preparedness, and hazardous chemicals.
HA-21	Develop comprehensive, venue-specific emergency action plans for the care of acutely injured or ill individuals.
HA-22	Develop specific plans of care for common potential emergent conditions (eg, asthma attack, diabetic emergency).
HA-23	Identify and explain the recommended or required components of a pre-participation examination based on appropriate authorities' rules, guidelines, and/or recommendations.
HA-25	Describe common health insurance models, insurance contract negotiation, and the common benefits and exclusions identified within these models.
HA-26	Describe the criteria for selection, common features, specifications, and required documentation needed for secondary, excess accident, and catastrophic health insurance.
HA-29	Explain typical administrative policies and procedures that govern first aid and emergency care.
PD-1	Summarize the athletic training profession's history and development and how current athletic training practice has been influenced by its past.
PD-2	Describe the role and function of the National Athletic Trainers' Association and its influence on the profession.
PD-3	Describe the role and function of the Board of Certification, the Commission on Accreditation of Athletic Training Education, and state regulatory boards.
PD-4	Explain the role and function of state athletic training practice acts and registration, licensure, and certification agencies including (1) basic legislative processes for the implementation of practice acts, (2) rationale for state regulations that govern the practice of athletic training, and (3) consequences of violating federal and state regulatory acts.
PD-5	Access, analyze, and differentiate between the essential documents of the national governing, credentialing and regulatory bodies, including, but not limited to, the NATA Athletic Training Educational Competencies, the BOC Standards of Professional Practice, the NATA Code of Ethics, and the BOC Role Delineation Study/Practice Analysis.
PD-6	Explain the process of obtaining and maintaining necessary local, state, and national credentials for the practice of athletic training.
PD-7	Perform a self-assessment of professional competence and create a professional development plan to maintain necessary credentials and promote life-long learning strategies.
PD-8	Differentiate among the preparation, scopes of practice, and roles and responsibilities of healthcare providers and other professionals with whom athletic trainers interact.
PD-10	Develop healthcare educational programming specific to the target audience (eg, clients/patients, healthcare personnel, administrators, parents, general public).
PD-11	Identify strategies to educate colleagues, students, patients, the public, and other healthcare professionals about the roles, responsibilities, academic preparation, and scope of practice of athletic trainers.
TI-19	Identify manufacturer, institutional, state, and/or federal standards that influence approval, operation, inspection, maintenance and safe application of therapeutic modalities and rehabilitation equipment.

## **COURSE TEXT and MATERIALS**

### **Textbooks:**

**BLACKBOARD:** <http://blackboard.missouristate.edu>

Make sure to check blackboard for assignments, class updates, and other important information prior to class.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

**The following list is not all inclusive:**

<b>Academic Integrity</b>	<a href="http://www.missouristate.edu/provost/22102.htm">http://www.missouristate.edu/provost/22102.htm</a>
<b>Disability Statement</b>	<a href="http://www.missouristate.edu/disability/">http://www.missouristate.edu/disability/</a>
<b>Nondiscrimination Policy</b>	<a href="http://www.missouristate.edu/equity/">http://www.missouristate.edu/equity/</a>
<b>Policy on Use of Cell Phones in Classes</b>	<a href="http://www.missouristate.edu/registrar/classdis.html">http://www.missouristate.edu/registrar/classdis.html</a>
<b>Office of Registrar – resources for students</b>	<a href="http://www.missouristate.edu/registrar/students.htm">http://www.missouristate.edu/registrar/students.htm</a>
<b>University Attendance Policy</b>	<a href="http://www.missouristate.edu/registrar/attendan.html">http://www.missouristate.edu/registrar/attendan.html</a>
<b>Emergency Response Plan</b>	<a href="http://www.missouristate.edu/safetran/erp.htm">http://www.missouristate.edu/safetran/erp.htm</a>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)**

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

<b>1. Syllabus Agreement</b>	<b>5 pts</b>
<b>2. Reading Reflections (12; 15 points each)</b>	<b>180 pts</b>
<b>3. Professional Development Plan</b>	<b>25 pts</b>
<b>4. Self-assessments (Self-Scan, Power/authority, etc.)</b>	<b>20 pts</b>
<b>5. Resume, cover letter, and interview</b>	<b>100 pts</b>
<b>6. Book Reflection</b>	<b>150 pts</b>
<b>7. Leadership opportunity experience</b>	<b>180 pts</b>
<b>8. Spending log (10 pts) and Budget cuts (15 pts)</b>	<b>25 pts</b>
<b>9. AT Design and Budget</b>	<b>200 pts</b>
<b>10. Risk management/operation</b>	<b>150 pts</b>
<b>11. CMS Form plus one</b>	<b>15 pts</b>
<b>12. E-Records</b>	<b>100 pts</b>
<b>13. Presentation</b>	<b>100 pts</b>
<b>14. Test (2 – 75 points each)</b>	<b>150 pts</b>

**Total points = 1400 pts**

Date	Topics
Week 1 – session 1	Introductions, syllabus, self-assessments, Q and A with individuals in leadership roles, Self-reflection and Leadership beliefs
Week 1 – session 2	Human Resources - getting a job – scope of practice, resume, cover letter, hiring regulations, job descriptions, interviews, recruiting, socialization, personal effectiveness, keeping the job
Week 2 – session 1	Foundations of Athletic Training Profession and Leadership, Leadership/management theories, behaviors, and tools
Week 2 – session 2	Professional Ethics – diversity, cultural competency, globalization, etc.
Week 3 – session 1	Professional Ethics – diversity, cultural competency, globalization, etc.
Week 3 – session 2	Program Planning/Management- organizational effectiveness, SWOT, decision making
Week 4 – session 1	Facility Design and Management
Week 4 – session 2	Budget and Finances – types, processes, policies, business plans, return on investment
Week 5 – session1	Legal/risk management
Week 5 – session 2	Insurance/Reimbursement/Revenue - definitions, organizations, types, policies, personal insurance
Week 6 – session 1	Insurance/Reimbursement/Revenue - definitions, organizations, types, policies, personal insurance, issues in AT settings
Week 6 - session 2	Electronic medical records, technology
Week 7 – session 1	Presentations
Week 8 – session 1	Presentations
Week 8 – session 2	Final

## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

741

Course Title:

Therapeutic Interventions III

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course builds on the knowledge and skills acquired in Therapeutic Interventions I and II. This course will cover the theoretical and practical application of interventions with an emphasis on manual techniques and corrective exercises.

Credit Hours:

1 ▼

Lecture Contact Hours:

0 ▼

Lab Contact Hours:

2 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- ☐ Fall ☐ Fall (even-numbered years only) ☐ Fall (odd-numbered years only)

☒ Spring
 ☐ Spring (even-numbered years only)
 ☐ Spring (odd-numbered years only)

☐ Summer
 ☐ On Demand only

### Complete Catalog Description:

ATC 741 Therapeutic Interventions III

Prerequisite: Permission of program director.

This course builds on the knowledge and skills acquired in Therapeutic Interventions I and II. This course will cover the theoretical and practical application of interventions with an emphasis on manual techniques and corrective exercises.

Credit hours: 1 Lecture contact hours: 0 Lab contact hours: 2

Typically offered: Spring

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="2"/>		

Is another course being deleted? ☒ No ☐ Yes

### What will this course require in the way of:

Additional Library Holdings



No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

#### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

#### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

#### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

#### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

#### Other additional expenses

No additional expenses are anticipated.

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

Copy As New Proposal



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# Therapeutic Interventions 3

## ATC 741

1 credit hour (1<sup>st</sup> block course, 8 weeks)

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

### COURSE DESCRIPTION

This course builds on the knowledge and skills acquired in Therapeutic Interventions I and II. This course will cover the theoretical and practical application of interventions with an emphasis on manual techniques and corrective exercises. Students will be tasked with finding peer reviewed articles on a variety of advanced therapeutic interventions, apply a critical review format, and discuss those articles with the class.

### COURSE OBJECTIVES

Upon completion students will:

- 1) Be able to demonstrate the critical review process for peer reviewed articles
- 2) Be able to describe the theory and efficacy of a variety of advanced therapeutic interventions
- 3) Be able to demonstrate the basic skills of a variety of advanced therapeutic interventions

### COURSE TEXT and MATERIALS

**Textbooks:** no text book for this course

**BLACKBOARD:** <http://blackboard.missouristate.edu>

**Make sure to check blackboard for assignments, class updates, and other important information prior to class.**

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

The following list is not all inclusive:

Academic Integrity	<a href="http://www.missouristate.edu/provost/22102.htm">http://www.missouristate.edu/provost/22102.htm</a>
Disability Statement	<a href="http://www.missouristate.edu/disability/">http://www.missouristate.edu/disability/</a>
Nondiscrimination Policy	<a href="http://www.missouristate.edu/equity/">http://www.missouristate.edu/equity/</a>
Policy on Use of Cell Phones in Classes	<a href="http://www.missouristate.edu/registrar/classdis.html">http://www.missouristate.edu/registrar/classdis.html</a>
Office of Registrar – resources for students	<a href="http://www.missouristate.edu/registrar/students.htm">http://www.missouristate.edu/registrar/students.htm</a>
University Attendance Policy	<a href="http://www.missouristate.edu/registrar/attendan.html">http://www.missouristate.edu/registrar/attendan.html</a>
Emergency Response Plan	<a href="http://www.missouristate.edu/safetran/erp.htm">http://www.missouristate.edu/safetran/erp.htm</a>

**Student Evaluation and Grading:** (plus/minus grading will NOT be utilized in this course)

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

Activity	Points	Grading Scale
Critical review of selected articles	70	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Practical testing on manual therapies	100	
Class Participation	70	
Student Presentation	50	
Written final exam on theory & efficacy	100	
<b>Total</b>	<b>390 Points</b>	

<b>Week</b>	<b>Topic</b>
1	IASTM
2	Dry Needling
3	Cupping
4	ART
5	Mulligan
6	Rock Tape, Voodoo Band
7	SI Joint Assessment & Treatment
8	Student Presentations

## New Course Proposal Form

Submitted on 01/23/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

753

Course Title:

Pharmacology/General Medical Concepts

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course will expose students to various medical specialties which contribute to an understanding of comprehensive health care program. Emphasis on subject matter and skills necessary to recognize potential problems, help in understanding the interventions, and develop techniques for referral.

Credit Hours:

3 ▼

Lecture Contact Hours:

2 ▼

Lab Contact Hours:

2 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- ☒ Fall ☐ Fall (even-numbered years only) ☐ Fall (odd-numbered years only)

☐ Spring
 ☐ Spring (even-numbered years only)
 ☐ Spring (odd-numbered years only)

☐ Summer
 ☐ On Demand only

#### Complete Catalog Description:

ATC 753 Pharmacology/General Medical Concepts

Prerequisite: Permission of program director.

This course will expose students to various medical specialties which contribute to an understanding of comprehensive health care program. Emphasis on subject matter and skills necessary to recognize potential problems, help in understanding the interventions, and develop techniques for referral.

Credit hours: 3 Lecture contact hours: 2 Lab contact hours: 2

Typically offered: Fall

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="4"/>		

Is another course being deleted? ☒ No ☐ Yes

What will this course require in the way of:

Additional Library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional computer resources

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#### Additional or remodeled facilities

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#### Additional faculty; general vs specialized

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#### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

#### Other additional expenses

No additional expenses are anticipated.



The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

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If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

N/A

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

**Current Status:**

Grad Council Review

**Proposal Progress:**

01/23/2017 - Submitted by Department Head (Tona Hetzler)

01/24/2017 - Reviewed by Dean (Helen Reid)

**Review Comments:**

No comments have been added to this proposal.

Copy As New Proposal



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**Pharmacology/General Medical Concepts**  
**ATC 753**  
**3 credit hours (2<sup>nd</sup> block course)**

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

**COURSE DESCRIPTION**

This course will expose students to various medical specialties which contribute to an understanding of comprehensive health care program. Emphasis on subject matter and skills necessary to recognize potential problems, help in understanding the interventions, and develop techniques for referral.

**COURSE OBJECTIVES**

CE-6	Describe the basic principles of diagnostic imaging and testing and their role in the diagnostic process.
HA-22	Develop specific plans of care for common potential emergent conditions (eg, asthma attack, diabetic emergency).
HA-23	Identify and explain the recommended or required components of a pre-participation examination based on appropriate authorities' rules, guidelines, and/or recommendations.
HA-24	Describe a plan to access appropriate medical assistance on disease control, notify medical authorities, and prevent disease epidemics.
HA-27	Describe the concepts and procedures for revenue generation and reimbursement.
HA-28	Understand the role of and use diagnostic and procedural codes when documenting patient care.
PD-9	Specify when referral of a client/patient to another healthcare provider is warranted and formulate and implement strategies to facilitate that referral.
PHP-5	Explain the precautions and risk factors associated with physical activity in persons with common congenital and acquired abnormalities, disabilities, and diseases.
PHP-8	Identify the necessary components to include in a pre-participation physical examination as recommended by contemporary guidelines (eg, American Heart Association, American Academy of Pediatrics Council on Sports Medicine & Fitness).
PHP-9	Explain the role of the pre-participation physical exam in identifying conditions that might predispose the athlete to injury or illness.
PHP-10	Explain the principles of the body's thermoregulatory mechanisms as they relate to heat gain and heat loss.
PHP-12	Summarize current practice guidelines related to physical activity during extreme weather conditions (eg, heat, cold, lightning, wind).
PHP-14	Assess weight loss and hydration status using weight charts, urine color charts, or specific gravity measurements to determine an individual's ability to participate in physical activity in a hot, humid environment. – weight charts, urine color charts, specific gravity measurements
PHP-15	Use a glucometer to monitor blood glucose levels, determine participation status, and make referral decisions.
PHP-16	Use a peak-flow meter to monitor a patient's asthma symptoms, determine participation status, and make referral decisions.
PHP-17	Explain the etiology and prevention guidelines associated with the leading causes of sudden death during physical activity, including but not limited to: cardiac arrhythmia or arrest, asthma, traumatic brain injury, exertional heat stroke, hyponatremia, exertional sickling, anaphylactic shock
PHP-19	Instruct clients/patients in the basic principles of ergodynamics and their relationship to the prevention of illness and injury.

PHP-24	Summarize the general principles of health maintenance and personal hygiene, including skin care, dental hygiene, sanitation, immunizations, avoidance of infectious and contagious diseases, diet, rest, exercise, and weight control.
PHP-25	Describe the role of exercise in maintaining a healthy lifestyle and preventing chronic disease.
PHP-26	Identify and describe the standard tests, test equipment, and testing protocols that are used for measuring fitness, body composition, posture, flexibility, muscular strength, power, speed, agility, and endurance.
PHP-27	Compare and contrast the various types of flexibility, strength training, and cardiovascular conditioning programs to include expected outcomes, safety precautions, hazards, and contraindications.
PHP-28	Administer and interpret fitness tests to assess a client's/patient's physical status and readiness for physical activity.
PHP-29	Explain the basic concepts and practice of fitness and wellness screening.
PHP-30	Design a fitness program to meet the individual needs of a client/patient based on the results of standard fitness assessments and wellness screening.
PHP-31	Instruct a client/patient regarding fitness exercises and the use of muscle strengthening equipment to include correction or modification of inappropriate, unsafe, or dangerous lifting techniques.
PHP-32	Describe the role of nutrition in enhancing performance, preventing injury or illness, and maintaining a healthy lifestyle.
PHP-33	Educate clients/patients on the importance of healthy eating, regular exercise, and general preventative strategies for improving or maintaining health and quality of life.
PHP-34	Describe contemporary nutritional intake recommendations and explain how these recommendations can be used in performing a basic dietary analysis and providing appropriate general dietary recommendations.
PHP-35	Describe the proper intake, sources of, and effects of micro- and macronutrients on performance, health, and disease.
PHP-36	Describe current guidelines for proper hydration and explain the consequences of improper fluid/electrolyte replacement.
PHP-37	Identify, analyze, and utilize the essential components of food labels to determine the content, quality, and appropriateness of food products.
PHP-38	Describe nutritional principles that apply to tissue growth and repair.
PHP-39	Describe changes in dietary requirements that occur as a result of changes in an individual's health, age, and activity level.
PHP-40	Explain the physiologic principles and time factors associated with the design and planning of pre-activity and recovery meals/snacks and hydration practices.
PHP-41	Identify the foods and fluids that are most appropriate for pre-activity, activity, and recovery meals/snacks.
PHP-42	Explain how changes in the type and intensity of physical activity influence the energy and nutritional demands placed on the client/patient.
PHP-43	Describe the principles and methods of body composition assessment to assess a client's/patient's health status and to monitor changes related to weight management, strength training, injury, disordered eating, menstrual status, and/or bone density status.
PHP-44	Assess body composition by validated techniques.
PHP-45	Describe contemporary weight management methods and strategies needed to support activities of daily life and physical activity.
PHP-46	Identify and describe the signs, symptoms, physiological, and psychological responses of clients/patients with disordered eating or eating disorders.
PHP-47	Describe the method of appropriate management and referral for clients/patients with disordered eating or eating disorders in a manner consistent with current practice guidelines.
PHP-48	Explain the known usage patterns, general effects, and short- and long-term adverse effects for the commonly used dietary supplements, performance enhancing drugs, and recreational drugs.

PHP-49	Identify which therapeutic drugs, supplements, and performance-enhancing substances are banned by sport and/or workplace organizations in order to properly advise clients/patients about possible disqualification and other consequences.
PS-1	Describe the basic principles of personality traits, trait anxiety, locus of control, intrinsic and extrinsic motivation, and patient and social environment interactions as they affect patient interactions.
PS-2	Explain the theoretical background of psychological and emotional responses to injury and forced inactivity (eg, cognitive appraisal model, stress response model).
PS-3	Describe how psychosocial considerations affect clinical decision-making related to return to activity or participation (eg, motivation, confidence).
PS-6	Explain the importance of educating patients, parents/guardians, and others regarding the condition in order to enhance the psychological and emotional well-being of the patient.
PS-7	Describe the psychological techniques (eg, goal setting, imagery, positive self-talk, relaxation/anxiety reduction) that the athletic trainer can use to motivate the patient during injury rehabilitation and return to activity processes.
PS-8	Describe psychological interventions (eg, goal setting, motivational techniques) that are used to facilitate a patient's physical, psychological, and return to activity needs.
PS-9	Describe the psychosocial factors that affect persistent pain sensation and perception (eg, emotional state, locus of control, psychodynamic issues, sociocultural factors, personal values and beliefs) and identify multidisciplinary approaches for assisting patients with persistent pain.
PS-11	Describe the role of various mental healthcare providers (eg, psychiatrists, psychologists, counselors, social workers) that may comprise a mental health referral network.
PS-12	Identify and refer clients/patients in need of mental healthcare.
PS-13	Identify and describe the basic signs and symptoms of mental health disorders (eg, psychosis, neurosis; sub-clinical mood disturbances (eg, depression, anxiety); and personal/social conflict (eg, adjustment to injury, family problems, academic or emotional stress, personal assault or abuse, sexual assault or harassment) that may indicate the need for referral to a mental healthcare professional.
PS-14	Describe the psychological and sociocultural factors associated with common eating disorders.
PS-15	Identify the symptoms and clinical signs of substance misuse/abuse, the psychological and sociocultural factors associated with such misuse/abuse, its impact on an individual's health and physical performance, and the need for proper referral to a healthcare professional.
PS-16	Formulate a referral for an individual with a suspected mental health or substance abuse problem.
PS-17	Describe the psychological and emotional responses to a catastrophic event, the potential need for a psychological intervention and a referral plan for all parties affected by the event.
PS-18	Provide appropriate education regarding the condition and plan of care to the patient and appropriately discuss with others as needed and as appropriate to protect patient privacy.
TI-3	Differentiate between palliative and primary pain-control interventions.
TI-21	Explain the federal, state, and local laws, regulations and procedures for the proper storage, disposal, transportation, dispensing (administering where appropriate), and documentation associated with commonly used prescription and nonprescription medications.
TI-22	Identify and use appropriate pharmaceutical terminology for management of medications, inventory control, and reporting of pharmacological agents commonly used in an athletic training facility.
TI-23	Use an electronic drug resource to locate and identify indications, contraindications, precautions, and adverse reactions for common prescription and nonprescription medications.
TI-24	Explain the major concepts of pharmacokinetics and the influence that exercise might have on these processes.

TI-26	Explain the pharmacodynamic principles of receptor theory, dose-response relationship, placebo effect, potency and drug interactions as they relate to the mechanism of drug action and therapeutic effectiveness.
TI-27	Describe the common routes used to administer medications and their advantages and disadvantages.
TI-28	Properly assist and/or instruct the patient in the proper use, cleaning, and storage of drugs commonly delivered by metered dose inhalers, nebulizers, insulin pumps, or other parenteral routes as prescribed by the physician – metered dose inhalers, nebulizers, insulin pumps
TI-29	Describe how common pharmacological agents influence pain and healing and their influence on various therapeutic interventions.
TI-30	Explain the general therapeutic strategy, including drug categories used for treatment, desired treatment outcomes, and typical duration of treatment, for the following common diseases and conditions: asthma, diabetes, hypertension, infections, depression, GERD, allergies, pain, inflammation, and the common cold.
TI-31	Optimize therapeutic outcomes by communicating with patients and/or appropriate healthcare professionals regarding compliance issues, drug interactions, adverse drug reactions, and sub-optimal therapy.

## **COURSE TEXT and MATERIALS**

### **Textbooks:**

- Houglum, J.E., Harrelson, G.L. (2011). *Principles of Pharmacology for Athletic Trainers*. (2<sup>nd</sup> ed.). Thorofare, New Jersey: Slack, Inc. (ISBN 978-1-55642-901-9)
- Cuppett, M., Walsh, K.M. (2012). *General Medical Conditions in the Athletic* (2<sup>nd</sup> ed.). St. Louis, Missouri: Elsevier Mosby (ISBN 978-0-323-05921-3)

**BLACKBOARD:** <http://blackboard.missouristate.edu>

**Make sure to check blackboard for assignments, class updates, and other important information prior to class.**

**NOTE: All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.**

### **The following list is not all inclusive:**

<b>Academic Integrity</b>	<a href="http://www.missouristate.edu/provost/22102.htm">http://www.missouristate.edu/provost/22102.htm</a>
<b>Disability Statement</b>	<a href="http://www.missouristate.edu/disability/">http://www.missouristate.edu/disability/</a>
<b>Nondiscrimination Policy</b>	<a href="http://www.missouristate.edu/equity/">http://www.missouristate.edu/equity/</a>
<b>Policy on Use of Cell Phones in Classes</b>	<a href="http://www.missouristate.edu/registrar/classdis.html">http://www.missouristate.edu/registrar/classdis.html</a>
<b>Office of Registrar – resources for students</b>	<a href="http://www.missouristate.edu/registrar/students.htm">http://www.missouristate.edu/registrar/students.htm</a>
<b>University Attendance Policy</b>	<a href="http://www.missouristate.edu/registrar/attendan.html">http://www.missouristate.edu/registrar/attendan.html</a>
<b>Emergency Response Plan</b>	<a href="http://www.missouristate.edu/safetran/erp.htm">http://www.missouristate.edu/safetran/erp.htm</a>

A standard grade policy will be utilized for this course.

<b>Activity</b>	<b>Points</b>	<b>Grading Scale</b>
Online Quizzes	50	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Presentation	50	
AT Program E-folio	50	
Guest Speaker Questions	50	
Mid-Term Exam	100	
Final Exam	100	
<b>Total</b>	<b>400 Points</b>	

## TENTATIVE COURSE OUTLINE

*Fall 20XX (2<sup>nd</sup> block, 8 weeks)*

DATE	TOPIC (In-class or online presentations, class notes, supplemental information & related learning activities)
Week 1	Class Orientation / Meet & Greet
	General Health and Wellness <ul style="list-style-type: none"> <li>Examining and Managing Physical Wellness</li> </ul>
Week 2	General Health and Wellness <ul style="list-style-type: none"> <li>Examining and Managing Mental Wellness</li> </ul>
	Pre-participation Physical Exams <ul style="list-style-type: none"> <li>Physical Exam Structure and Procedures</li> <li>Physical Exam Skills (e.g., biometrics, heart auscultations, urinalysis)</li> </ul>
Week 3	Pharmacokinetics and Pharmacodynamics
	Managing Therapeutic Medications in the Athletic Training Facility
Week 4	Performance Enhancement Drugs and Drug Testing
	<b>Mid-Term Exam</b>
Week 5	Cardiovascular Disorders <ul style="list-style-type: none"> <li>Pathology of Specific Cardiovascular Disorders</li> <li>Management of Cardiovascular Disorders</li> </ul>
	Respiratory Disorders <ul style="list-style-type: none"> <li>Pathology of Specific Respiratory Disorders</li> <li>Management of Respiratory Disorders</li> </ul>
Week 6	Gastrointestinal Disorders <ul style="list-style-type: none"> <li>Pathology of Specific Gastrointestinal Disorders</li> <li>Management of Gastrointestinal Disorders</li> </ul>
	Neurological Disorders <ul style="list-style-type: none"> <li>Pathology of Specific Neurological Disorders</li> <li>Management of Neurological Disorders</li> </ul>
Week 7	Genitourinary and Gynecological Disorders <ul style="list-style-type: none"> <li>Pathology of Specific Genitourinary and Gynecological Disorders</li> <li>Management of Genitourinary and Gynecological Disorders</li> </ul>
	Disorders of the Eye, Ear, Nose, Throat, and Mouth <ul style="list-style-type: none"> <li>Pathology of Specific EENTM Disorders</li> <li>Management of EENTM Disorders</li> </ul>
Week 8	Systemic, Infectious, and Dermatological Disorders <ul style="list-style-type: none"> <li>Pathology of Specific Systemic, Infectious Disorders</li> <li>Management of Systemic, Infectious, and Dermatological Disorders</li> </ul>
	<b>Final Exam</b>

**PLEASE NOTE:** This is only a tentative schedule and may change during the semester

## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

773

Course Title:

Athletic Training Seminar

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course will allow students to review their previous course work, discuss current issues facing the profession, and develop personal learning plans for their future endeavors.

Credit Hours:

3 ▼

Lecture Contact Hours:

3 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- ☐ Fall ☐ Fall (even-numbered years only) ☐ Fall (odd-numbered years only)



☒ Spring
 ☐ Spring (even-numbered years only)
 ☐ Spring (odd-numbered years only)

☐ Summer
 ☐ On Demand only

#### Complete Catalog Description:

ATC 773 Athletic Training Seminar

Prerequisite: Permission of program director.

This course will allow students to review their previous course work, discuss current issues facing the profession, and develop personal learning plans for their future endeavors.

Credit hours: 3 Lecture contact hours: 3 Lab contact hours: 0

Typically offered: Spring

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="3"/>		

Is another course being deleted? ☒ No ☐ Yes

#### What will this course require in the way of:

Additional Library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

#### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

#### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

#### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

#### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

#### Other additional expenses

No additional expenses are anticipated.

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

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## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

773

Course Title:

Athletic Training Seminar

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course will allow students to review their previous course work, discuss current issues facing the profession, and develop personal learning plans for their future endeavors.

Credit Hours:

3 ▼

Lecture Contact Hours:

3 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- ☐ Fall ☐ Fall (even-numbered years only) ☐ Fall (odd-numbered years only)

☒ Spring
 ☐ Spring (even-numbered years only)
 ☐ Spring (odd-numbered years only)

☐ Summer
 ☐ On Demand only

#### Complete Catalog Description:

ATC 773 Athletic Training Seminar

Prerequisite: Permission of program director.

This course will allow students to review their previous course work, discuss current issues facing the profession, and develop personal learning plans for their future endeavors.

Credit hours: 3 Lecture contact hours: 3 Lab contact hours: 0

Typically offered: Spring

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	20	Maximum Enrollment Limit per section:	30
Anticipated Average Enrollment per semester:	20	Maximum Enrollment Limit per semester:	30
Anticipated Average Enrollment per year:	20	Maximum Enrollment Limit per year:	30
Faculty Load Assignment (equated hours):	3		

Is another course being deleted? ☒ No ☐ Yes

#### What will this course require in the way of:

Additional Library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

#### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

#### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

#### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

#### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

#### Other additional expenses

No additional expenses are anticipated.

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

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## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

784

Course Title:

AT Practicum V

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course is the final eight-week, immersive clinical practicum. Students will continue to develop their clinical decision making skills and applying skills and knowledge gained in didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.

Credit Hours:

4 ▼

Lecture Contact Hours:

0 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

<input type="checkbox"/> Fall	<input type="checkbox"/> Fall (even-numbered years only)	<input type="checkbox"/> Fall (odd-numbered years only)
<input checked="" type="checkbox"/> Spring	<input type="checkbox"/> Spring (even-numbered years only)	<input type="checkbox"/> Spring (odd-numbered years only)
<input type="checkbox"/> Summer	<input type="checkbox"/> On Demand only	

#### Complete Catalog Description:

ATC 784 AT Practicum V

Prerequisite: Permission of program director.

This course is the final eight-week, immersive clinical practicum. Students will continue to develop their clinical decision making skills and applying skills and knowledge gained in didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.

Credit hours: 4 Lecture contact hours: 0 Lab contact hours: 0

Typically offered: Spring

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To provide clinical experiences for athletic training students, educate students on the athletic training profession, and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="4"/>		

Is another course being deleted? ☒ No ☐ Yes

## What will this course require in the way of:

### Additional library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

### Other additional expenses

No additional expenses are anticipated

If additional faculty are not required, how will faculty be made available to teach this course?

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

#### Current Status:

Grad Council Review

#### Proposal Progress:

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

#### Review Comments:

No comments have been added to this proposal.

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# Athletic Training Practicum 5

**ATC 784**

**4 credit hours**

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

## COURSE DESCRIPTION

This course is the final eight-week, immersive clinical practicum. Students will continue to develop their clinical decision making skills and applying skills and knowledge gained in didactic courses and clinical experiences. Students may be required to be in attendance during periods when regular university classes are not in session.

## COURSE OBJECTIVES

1. Demonstrate, during all clinical experiences, professional behaviors expected of health care professionals.
2. Demonstrate understanding and application of all cognitive and psychomotor competencies covered in prior courses of the AT Program.
3. Utilize clinical experiences to improve in all aspects of athletic training and life.
4. Review and advance skills learned in previous AT Program courses.

## COURSE TEXT and MATERIALS

**Textbooks:** Rozzi, S., Futrell, M., & Kleiner, D. M. (2010). Study Guide for the Board of Certification, Inc., Entry-Level Athletic Trainer Certification Exam (4<sup>th</sup> ed.). F. A. Davis Company, ISBN-13:9780803600201

**BLACKBOARD:** <http://blackboard.missouristate.edu>

**Make sure to check blackboard for assignments, class updates, and other important information prior to class.**

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

### The following list is not all inclusive:

**Academic Integrity**

**Disability Statement**

**Nondiscrimination Policy**

**Policy on Use of Cell Phones in Classes**

**Office of Registrar – resources for students**

**University Attendance Policy**

**Emergency Response Plan**

<http://www.missouristate.edu/provost/22102.htm>

<http://www.missouristate.edu/disability/>

<http://www.missouristate.edu/equity/>

<http://www.missouristate.edu/registrar/classdis.html>

<http://www.missouristate.edu/registrar/students.htm>

<http://www.missouristate.edu/registrar/attendan.html>

<http://www.missouristate.edu/safetran/erp.htm>

**Student Evaluation and Grading: (plus/minus grading will NOT be utilized in this course)**

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

A standard grade policy will be utilized for this course.

Activity	Points	Grading Scale
E-folio Round 1	30	A = 90.0 - 100% of total pts.
Interprofessional Education (IPE) Experience	20	
BOC Practice Tests	100	B = 80.0 - 89.9% of total pts.
Clinical Experience Reflective Posts	60	
		C = 70.0 - 79.9% of total pts.

Mid-term Clinical Evaluation Score	100	D = 60.0 - 69.9% of total pts.
Final Clinical Evaluation Score	100	
E-folio Round 2	40	F = 00.0 - 59.9% of total pts.
Blackboard Discussion Board Participation	30	
Final Exam	20	
<b>Total</b>	<b>500 Points</b>	

### Course Outline

WEEK	TOPIC
1	Review syllabus and course outline
2	Round 1 E-Folio
3	Reflection Log 1 Post
4	Reflection Log 1 Discussion BOC Practice Test 1
5	Reflection Log 2 Post
6	Reflection Log 2 Discussion
7	Reflection Log 3 Post
8	Reflection Log 3 Discussion Mid-semester SELF Eval (ATrack)
9	Reflection Log 4 Post
10	Reflection Log 4 Discussion
11	Reflection Log 5 Post
12	Reflection Log 5 Discussion BOC Practice Test 2
13	Reflection Log 6 Post
14	Reflection Log 6 Discussion BOC Practice Test 3
15	Reflection Log 7 Post End-Term SELF Eval (ATrack)
16	Reflection Log 7 Discussion
Final	Preceptor Evaluation (ATrack) Interprofessional Education (IPE) Experience) E-folio



## New Course Proposal Form

Submitted on 02/02/2017 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

791

Course Title:

AT Research Project

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

In-depth scientific study of an area of interest that culminates in a scholarly paper and formal community presentation.

Credit Hours:

1 ▼

Lecture Contact Hours:

1 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- ☐ Fall ☐ Fall (even-numbered years only) ☐ Fall (odd-numbered years only)

- ☒ Spring
 ☐ Spring (even-numbered years only)
 ☐ Spring (odd-numbered years only)
- ☐ Summer
 ☐ On Demand only

#### Complete Catalog Description:

ATC 791 AT Research Project

Prerequisite: Permission of program director.

In-depth scientific study of an area of interest that culminates in a scholarly paper and formal community presentation.

Credit hours: 1 Lecture contact hours: 1 Lab contact hours: 0

Typically offered: Spring

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

To educate students on the athletic training profession and address assigned educational standards required by the Commission on Accreditation of Athletic Training Education (CAATE).

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="1"/>		

Is another course being deleted? ☒ No ☐ Yes

#### What will this course require in the way of:

Additional library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

#### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

#### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

#### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

#### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

#### Other additional expenses

No additional expenses are anticipated.

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

**Current Status:**

Grad Council Review

**Proposal Progress:**

02/02/2017 - Submitted by Department Head (Tona Hetzler)

02/03/2017 - Reviewed by Dean (Helen Reid)

**Review Comments:**

No comments have been added to this proposal.

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**Athletic Training Research Project**  
**ATC 791**  
**1 credit hours**

**Instructor:** SMAT graduate faculty member  
**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)  
**Office Hours:** TBA

**Office:** 160 Prof Building  
**Phone:** 836-8553 (O)

**COURSE DESCRIPTION**

In-depth scientific study of an area of interest that culminates in a scholarly paper and formal community presentation.

**COURSE OBJECTIVES**

1. Complete the analysis of the quantitative and/or qualitative data collected for a specific research project.
2. Write a research presentation proposal for an actual local, regional, or national academic or professional conference.
3. Develop and present a research poster at an actual local, regional, or national academic or professional conference.
4. Write a completed research manuscript in the correct format for a previously-identified academic or professional journal.
5. Submit a completed research manuscript to a previously-identified academic or professional journal.

**COURSE TEXT and MATERIALS**

**Textbooks:**

- No textbook will be required for this course

**BLACKBOARD:** <http://blackboard.missouristate.edu>

Make sure to check blackboard for assignments, class updates, and other important information prior to class.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

**The following list is not all inclusive:**

<b>Academic Integrity</b>	<a href="http://www.missouristate.edu/provost/22102.htm">http://www.missouristate.edu/provost/22102.htm</a>
<b>Disability Statement</b>	<a href="http://www.missouristate.edu/disability/">http://www.missouristate.edu/disability/</a>
<b>Nondiscrimination Policy</b>	<a href="http://www.missouristate.edu/equity/">http://www.missouristate.edu/equity/</a>
<b>Policy on Use of Cell Phones in Classes</b>	<a href="http://www.missouristate.edu/registrar/classdis.html">http://www.missouristate.edu/registrar/classdis.html</a>
<b>Office of Registrar – resources for students</b>	<a href="http://www.missouristate.edu/registrar/students.htm">http://www.missouristate.edu/registrar/students.htm</a>
<b>University Attendance Policy</b>	<a href="http://www.missouristate.edu/registrar/attendan.html">http://www.missouristate.edu/registrar/attendan.html</a>
<b>Emergency Response Plan</b>	<a href="http://www.missouristate.edu/safetran/erp.htm">http://www.missouristate.edu/safetran/erp.htm</a>

A standard grade policy will be utilized for this course.

Activity	Points	Grading Scale
Blackboard Discussion Board Participation	50	A = 90.0 - 100% of total pts. B = 80.0 - 89.9% of total pts. C = 70.0 - 79.9% of total pts. D = 60.0 - 69.9% of total pts. F = 00.0 - 59.9% of total pts.
Research Abstract (Conference Submission)	50	
Research Poster (Conference Presentation)	100	
Research Manuscript (Ready for Journal Submission)	200	
<b>Total</b>	<b>400 Points</b>	

## TENTATIVE COURSE OUTLINE

*Spring 20XX*

DATE	TOPIC (In-class or online presentations, class notes, supplemental information & related learning activities)
Week 1-2	Class Orientation / Meet & Greet Review Data Analysis with Research Committee
Week 3-4	Review 1 <sup>st</sup> Draft of Manuscript: Introduction and Methods
Week 5-6	Review 1 <sup>st</sup> Draft of Manuscript: Results and Discussion/Conclusion
Week 7-8	Review 2 <sup>nd</sup> Draft of Manuscript: Introduction and Methods
Week 9	NO CLASSES – SPRING BREAK
Week 10-11	Review 2 <sup>nd</sup> Draft of Manuscript: Results and Discussion/Conclusion
Week 12-13	Presentation of Final Project
Week 14-16	Presentation of Final Project
Week 17	<b>Final Exam</b> <b>(Formal Submission of the Manuscript to the Respective Journal)</b>

**PLEASE NOTE:** This is only a tentative schedule and may change during the semester

## New Course Proposal Form

Submitted on 12/20/2016 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

**\*All fields require input**

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

ATC

Course Number: ([Check Availability](#))

792

Course Title:

Independent Study in Athletic Training

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Permission of program director.

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

The course provides opportunities to pursue specific subject areas of interest in athletic training or as needs arise which are not covered by courses or content in the program. May be repeated for a maximum of 3 hours of credit.

Credit Hours:

3 ▼

Lecture Contact Hours:

0 ▼

Lab Contact Hours:

0 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- ☐ Fall ☐ Fall (even-numbered years only) ☐ Fall (odd-numbered years only)



- ☐ Spring
 ☐ Spring (even-numbered years only)
 ☐ Spring (odd-numbered years only)
- ☐ Summer
 ☒ On Demand only

#### Complete Catalog Description:

ATC 792 Independent Study in Athletic Training

Prerequisite: Permission of program director.

The course provides opportunities to pursue specific subject areas of interest in athletic training or as needs arise which are not covered by courses or content in the program. May be repeated for a maximum of 3 hours of credit.

Credit hours: 3 Lecture contact hours: 0 Lab contact hours: 0

Typically offered: On Demand only

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

Syllabus will vary based on content and credit.

*Attached*

#### Purpose of Course

To allow students an opportunity to study a specific subject area of interest.

#### Relationship to Other Departments

No direct relationship with other departments.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:	<input type="text" value="20"/>	Maximum Enrollment Limit per section:	<input type="text" value="30"/>
Anticipated Average Enrollment per semester:	<input type="text" value="20"/>	Maximum Enrollment Limit per semester:	<input type="text" value="30"/>
Anticipated Average Enrollment per year:	<input type="text" value="20"/>	Maximum Enrollment Limit per year:	<input type="text" value="30"/>
Faculty Load Assignment (equated hours):	<input type="text" value="3"/>		

Is another course being deleted? ☒ No ☐ Yes

What will this course require in the way of:

Additional Library Holdings

No additional library holdings are required as MSU already has all library holdings necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional computer resources

No additional computer resources are required as MSU already has all computer resources necessary for an entry-level degree as well as a post-professional master's in athletic training degree. This course is the product of a national mandate to transition the professional athletic training degree from an entry-level bachelor's degree to an entry-level master's degree.

#### Additional or remodeled facilities

No additional or remodeled facilities are required as MSU already has facilities necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional space will be needed if the program grows beyond the current facilities.

#### Additional equipment or supplies

No additional equipment or supplies are required as MSU already has all equipment and supplies necessary for an entry-level degree as well as a post-professional master's in athletic training degree. Additional equipment or supplies may be needed in the future as the medical field and educational standards continue to evolve.

#### Additional travel funds

No additional travel funds are required as MSU has already allocated travel funds for the faculty teaching in an entry-level degree as well as a post-professional master's in athletic training degree.

#### Additional faculty; general vs specialized

No additional faculty are required as MSU already has necessary faculty to offer an entry-level degree as well as a post-professional master's in athletic training degree. If the program continues to grow additional faculty lines would be helpful to manage research and student to faculty ratio in the classroom and labs.

#### Additional faculty; regular vs per-course

Additional faculty or per-course instructors will be required for a one to two-year period as the BSAT program is phased out and the Master of Athletic Training program becomes established. If the program continues to grow additional faculty lines would be helpful to manage student research projects and student to faculty ratio in the classroom and labs.

#### Other additional expenses

No additional expenses are anticipated.

The Master of Athletic Training program is a result of a national mandate to move the professional degree level for athletic training to an entry-level master's degree. With this transition the current entry-level bachelor's degree will follow a teach out plan and the faculty will transition to teaching the new courses in entry-level master's degree.

List names of current faculty qualified and available to teach this course

David Carr, Michael Hudson, Tona Hetzler, Allan Liggett, Kristin Tivener, and Gary Ward

What is the anticipated source of students for this course?

Students wishing to pursue a degree in athletic training. Students will come from MSU undergraduate programs as well as from other universities.

If from within the department, will students be taking this course in addition to or in place of other courses?

The Master of Athletic Training program is a cohort model program. Students will be taking this course in addition to the other courses associated with the semester and year of the program. Students will not be taking this course in place of other courses.

If from outside the department, which courses in other departments would most likely be affected?)

NA

Other comments:

None

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

11/01/2016

**Current Status:**

Grad Council Review

**Proposal Progress:**

12/20/2016 - Submitted by Department Head (Tona Hetzler)

12/26/2016 - Reviewed by Dean (Helen Reid)

**Review Comments:**

No comments have been added to this proposal.

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**Independent Study in Athletic Training**  
**ATC 792**  
1-3 credit hour

**Instructor:** SMAT graduate faculty member

**Email:** [xxxxxxx@missouristate.edu](mailto:xxxxxxx@missouristate.edu)

**Office Hours:** TBA

**Office:** 160 Prof Building

**Phone:** 836-8553 (O)

**COURSE DESCRIPTION**

The course provides opportunities to pursue specific subject areas of interest in athletic training or as needs arise which are not covered by courses or content in the program. May be repeated for a maximum of 3 hours of credit.

**COURSE OBJECTIVES**

Varies by student and topic selected.

**COURSE TEXT and MATERIALS**

**Textbooks:** Varies

**BLACKBOARD:** <http://blackboard.missouristate.edu>

Make sure to check blackboard for assignments, class updates, and other important information prior to class.

**NOTE:** All MSU policies and procedures, as well as all SMAT policies, will be followed in this course. For detailed information visit the MSU Provost Policy and Procedures website, CHHS websites, SMAT department webpage, and the Master of Athletic Training Handbook.

**The following list is not all inclusive:**

<b>Academic Integrity</b>	<a href="http://www.missouristate.edu/provost/22102.htm">http://www.missouristate.edu/provost/22102.htm</a>
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<b>Policy on Use of Cell Phones in Classes</b>	<a href="http://www.missouristate.edu/registrar/classdis.html">http://www.missouristate.edu/registrar/classdis.html</a>
<b>Office of Registrar – resources for students</b>	<a href="http://www.missouristate.edu/registrar/students.htm">http://www.missouristate.edu/registrar/students.htm</a>
<b>University Attendance Policy</b>	<a href="http://www.missouristate.edu/registrar/attendan.html">http://www.missouristate.edu/registrar/attendan.html</a>
<b>Emergency Response Plan</b>	<a href="http://www.missouristate.edu/safetran/erp.htm">http://www.missouristate.edu/safetran/erp.htm</a>

**Student Evaluation and Grading:** (plus/minus grading will NOT be utilized in this course)

**Grading scale = A=90% or >; B = 89-80%; C = 79-70%; D=69 -60%; F = 59% or <**

**Assignments and schedule will vary by student and topic selected.**

## Change Course Proposal Form

Submitted on 11/15/2016 by Benjamin Timson ([Bentimson@missouristate.edu](mailto:Bentimson@missouristate.edu)).

**\*All fields require input**

This proposal applies to:

- ☒ An existing COURSE
- ☐ An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

BMS308 Human Physiology

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ Yes

Will this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Current online catalog description:

BMS 308 Human Physiology

Prerequisite: C grade or better in BMS 307 or BIO 380; and C or better in [CHM 116 and 117] or [CHM 160 and 161]. A study of mechanisms for maintaining homeostasis in the human organism. Topics covered include cellular structure and function, neurophysiology, metabolism, endocrinology, cardiovascular, pulmonary, renal, and gastrointestinal physiology. Emphasis is on cellular and molecular mechanisms of physiology. A grade of C or better is required in this course in order to take BMS 567. Cannot receive credit will both BMS 308 and BMS 268-West Plains course. Cannot be taken Pass/Not Pass. 4(3-2) F,S

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

↶ ↷ | **B** *I* ~~S~~

BMS 308 Human Physiology

Prerequisite: C grade or better in BMS 307 or BIO 380; and C or better in [CHM 116 ~~and 117~~] or [CHM 160 ~~and 161~~]. A study of mechanisms for maintaining homeostasis in the human organism. Topics covered include cellular structure and function, neurophysiology, metabolism, endocrinology, cardiovascular, pulmonary, renal, and gastrointestinal physiology. Emphasis is on cellular and molecular mechanisms of physiology. A grade of C or better is required in this course in order to take BMS 567. Cannot receive credit will both BMS 308 and BMS 268-West Plains course. Cannot be taken Pass/Not Pass. 4(3-2) F,S

What is changing? Check all boxes that apply.

- |   |   |                                      |  |
|---|---|--------------------------------------|--|
| <input type="checkbox"/> Course Code                | <input type="checkbox"/> Course Number ( <a href="#">Check Availability</a> ) | <input type="checkbox"/> Title       | <input checked="" type="checkbox"/> Prerequisite |
| <input type="checkbox"/> Credit Hours/Contact Hours | <input type="checkbox"/> Periodicity  | <input type="checkbox"/> Description |  |

Reason for proposed change

Several of the majors that require BMS 308 do not require chemistry lab in their programs.

Does this change affect course assessment (e.g. student learning evidence/outcomes)? ☒ No ☐ Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- |   |  |   |
|---|--|---|
| <input checked="" type="checkbox"/> Routine or annual review/assessment of curriculum | <input checked="" type="checkbox"/> Faculty Input      | <input checked="" type="checkbox"/> Student Input |
| <input type="checkbox"/> Accreditation/certification compliance                       | <input type="checkbox"/> Review of catalog information |   |

☐ Other (be specific):

☐ Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

11/15/2016

#### Current Status:

College Council Review

#### Proposal Progress:

03/01/2017 - Submitted by Department Head (Colette Witkowski)

#### Review Comments:

03/01/2017 - Department Head Review - Colette Witkowski - Updating chemistry prerequisites for this course.

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## Change Course Proposal Form

Submitted on 02/21/2017 by Carmen Boyd ([Carmenboyd@missouristate.edu](mailto:Carmenboyd@missouristate.edu)).**\*All fields require input**

This proposal applies to:

- ☒ An existing COURSE
- ☐ An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

BMS438 Administrative Dietetics

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Current online catalog description:

BMS 438 Administrative Dietetics

Prerequisite: BMS 240 and BMS 330 and ACC 109 and MGT 340; and BIO 210 or concurrent enrollment.

Application of managerial processes to the delivery of food to people in a variety of settings. Menu planning; recipe development; food procurement; receiving and storage; food production; quality assurance; personnel selection, training, supervision and evaluation; management of financial resources; equipment selection and layout; computer-assisted management and distribution.

Transportation required. 4(3-2) F

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

  **B** *I* ~~S~~~~BMS 438 Administrative Dietetics~~ **Quantity Foods in Healthcare and School Food Service**

Prerequisite: BMS 240 and BMS 330 and ACC 109 and MGT 340; and BIO 210 or concurrent enrollment. **Admission to the Dietetics Program is required.** Application of managerial processes to the delivery of food **preparation, production, and distribution of food** to people in a variety of settings ~~hospitals, schools, community programs, senior living facilities, etc.~~ **Other topics include** menu planning, recipe development, food procurement, receiving and storage, food production, quality assurance, personnel selection, training, supervision and evaluation, management of financial resources, equipment selection and layout, computer-assisted management and distribution. Transportation is required. **3(1-4) F, S**

What is changing? Check all boxes that apply.

- ☐ Course Code
- ☐ Course Number (Check Availability)
- ☒ Title
- ☒ Prerequisite
- ☒ Credit Hours/Contact Hours
- ☒ Periodicity
- ☒ Description

Reason for proposed change

Our new course (BMS 538) will replace coponents of this course (BMS 438), resulting in the change of the hours from 4 to 3. MGT 340 is not longer required for accreditation purposes.

Does this change affect course assessment (e.g. student learning evidence/outcomes)? ☒ No ☐ Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- ☒ Routine or annual review/assessment of curriculum
- ☒ Faculty Input
- ☒ Student Input
- ☒ Accreditation/certification compliance
- ☐ Review of catalog information
- ☐ Other (be specific):

☐ Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

10/31/2016

Current Status:

College Council Review

Proposal Progress:

02/22/2017 - Submitted by Department Head (Colette Witkowski)

Review Comments:

No comments have been added to this proposal.

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## New Course Proposal Form

Submitted on 02/21/2017 by Carmen Boyd ([Carmenboyd@missouristate.edu](mailto:Carmenboyd@missouristate.edu)).

## \*All fields require input

- ☒ New COURSE
- ☐ New REGULAR PERMANENT SECTION of an existing variable content course. If a new regular section of an existing variable topics course, enter the existing course number below

Course Code:

BMS

Course Number: ([Check Availability](#))

538

Course Title:

Administrative Dietetics

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ YesWill this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Prerequisite/Co-requisite or enter 'None':

Prerequisite: BMS 240 and BMS 330 and BMS 438, and ACC 109; and BIO 210 or concurrent enrollment. Admission to the Dietetics Program r

General Course Description: (Include any Pass/Not Pass grading restrictions, repeatable limits, limitation on course applicability, UG/GR parallel course, etc.)

This course will teach the application of managerial processes to the delivery of food to people in a variety of settings with an emphasis on hospital, long term care, and residential. Areas covered include quality management, risk management, strategic management, theories of management and leadership, communication, financial management, and computer-assisted management systems. Additional topics include human resource management in food service operations including hiring, training, supervision and evaluation. Transportation is required.

Credit Hours:

3 ▼

Lecture Contact Hours:

2 ▼

Lab Contact Hours:

2 ▼

**Note:** If variable credit, enter the highest number and add to end of course description. (e.g. "Variable credit, may be taken 1-3 hours.")

Periodicity. Check all that apply.

- |  |  |   |
|--|--|---|
| <input checked="" type="checkbox"/> Fall | <input type="checkbox"/> Fall (even-numbered years only)   | <input type="checkbox"/> Fall (odd-numbered years only)   |
| <input type="checkbox"/> Spring          | <input type="checkbox"/> Spring (even-numbered years only) | <input type="checkbox"/> Spring (odd-numbered years only) |
| <input type="checkbox"/> Summer          | <input type="checkbox"/> On Demand only                    |   |

#### Complete Catalog Description:

BMS 538 Administrative Dietetics

Prerequisite: Prerequisite: BMS 240 and BMS 330 and BMS 438, and ACC 109; and BIO 210 or concurrent enrollment. Admission to the Dietetics Program required.

This course will teach the application of managerial processes to the delivery of food to people in a variety of settings with an emphasis on hospital, long term care, and residential. Areas covered include quality management, risk management, strategic management, theories of management and leadership, communication, financial management, and computer-assisted management systems. Additional topics include human resource management in food service operations including hiring, training, supervision and evaluation. Transportation is required.

Credit hours: 3 Lecture contact hours: 2 Lab contact hours: 2

Typically offered: Fall

Include sample syllabus (list topics, course goals.) Use text box OR upload only file types of PDF, DOC or DOCX.

*Attached*

#### Purpose of Course

The purpose of this course is to introduce the dietetics major to food service management. It also meets requirements and outcomes for accreditation, which is required for our program.

Explanation: THIS course (BMS 538) is the management component of the current BMS 438 Administrative Dietetics course that we are renaming and adjusting credit hours. We are placing THIS course (BMS 538 as course and course number with some of the previous components of the CURRENT BMS 438 class. Students will take both BMS 438 and BMS 538 as a requirement for accreditation beginning FA17. There should be no issues with course duplication as students who have already taken the CURRENT BMS 438 course and content are not required to take the new course and content. Students outside the major do not take either course.

#### Relationship to Other Departments

There is no relationship to other departments as the course is taken only by dietetics majors. However, the CURRENT BMS 438 class has a prerequisite of MGT 340 which has been dropped for this class and is not required in the revised BMS 438 course, nor is it required for THIS course (BMS 538). Dr. Jeff Jones, Interim Department Head of Management, was notified of this change and stated it would not affect the number of sections that they would be offering.

Is there a graduate/undergraduate parallel course to this one? ☒ No ☐ Yes

#### New Course Resource Information

Anticipated Average Enrollment per section:

25

Maximum Enrollment Limit per section:

35

Anticipated Average Enrollment per semester:

25

Maximum Enrollment Limit per semester:

35

Anticipated Average Enrollment per year:

25

Maximum Enrollment Limit per year:

35

Faculty Load Assignment (equated hours):

4

Is another course being deleted? ☒ No ☐ Yes

**What will this course require in the way of:**

Additional library Holdings

None

Additional computer resources

None

Additional or remodeled facilities

None

Additional equipment or supplies

None

Additional travel funds

None

Additional faculty; general vs specialized

None

Additional faculty; regular vs per-course

Dr. Sockju Kwon was hired as a clinical instructor for our program in August 2016 to cover this course and BMS 438 lectures. Dr. Uruakpa is now free to teach labs in BMS 438 and BMS 538.

Other additional expenses

None

If additional faculty are not required, how will faculty be made available to teach this course?

Dr. Sockju Kwon was hired as a clinical instructor for our program in August 2016 to cover this course and BMS 438 lectures. Dr. Uruakpa is now free to teach labs in BMS 438 and BMS 538.

List names of current faculty qualified and available to teach this course

While all dietetics faculty are qualified and available to teach this course, Sarah Murray, Sockju Kwon, and Florence Uruakpa are best qualified.

What is the anticipated source of students for this course?

This will be a requirement for dietetics majors.

If from within the department, will students be taking this course in addition to or in place of other courses?

Dietetics majors will be taking this course in addition to BMS 438 (unless they have already taken it), which is the course was split to form BMS 538.

If from outside the department, which courses in other departments would most likely be affected?)

None.

Other comments:

Thank you.

What is the date that this new course was approved by departmental or program faculty? (MM/DD/YYYY)

10/31/2016

**Current Status:**

College Council Review

**Proposal Progress:**

02/22/2017 - Submitted by Department Head (Colette Witkowski)

**Review Comments:**

No comments have been added to this proposal.



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## BMS 538: ADMINISTRATIVE DIETETICS

FALL 2017 3(2-2)

### FACULTY INFORMATION

Lecture Instructor: Sockju Kwon, Ph.D., RD/LD  
 Office Hours: By appointment only via SKYPE (E-mail request preferred prior to contacting me via SKYPE, SKYPE ID: sockju.kwon).  
 Telephone: (417) 763-0300, (919)-704-9846  
 E-mail: Skwon@missouristate.edu (put course/section # in msg)

Lab Instructor: Florence O. Uruakpa-Nweke, PhD, RD  
 Office: PROF 439  
 Office Hours:  
 Telephone: 417-836-8425  
 E-mail: FUruakpaNweke@MissouriState.edu  
 Website: Blackboard and Pearson Education Resource website

### COURSE INFORMATION

#### **Course Description:**

This course will teach the application of managerial processes to the delivery of food to people in a variety of settings with an emphasis on hospital, long-term care, and residential. Areas covered include quality management, risk management, strategic management, theories of management and leadership, communication, financial management, and computer-assisted management system. Additional topics include human resource management in food service operations including hiring, training, supervision and evaluation. Transportation is required.

#### **Prerequisite:**

Prerequisite: BMS 240 and BMS 330 and BMS 438, and ACC 109; and BIO 210 or concurrent enrollment. Admission to the Dietetics Program required.

#### **Required Textbook:**

Gregoire, M.B. and Spears, M.C.s (2017). Food Service Organization: A Managerial and Systems Approach, 9th ed. Pearson Education, New Jersey. ISBN: 978-0-13-401772-3

#### **Reference Text:**

Payne-Palacio J and Theis M (2012). Foodservice Management: Principles and Practices, 12/E. Upper Saddle River, New Jersey: Pearson Prentice Hall.  
 Shugart, G. and Molt, M. Food for Fifty, 9th ed. New York, New York: Macmillan.

**Knowledge, Skills, & Learning Outcomes:** Course partially fulfills the following requirements and outcomes for Didactic Program in Dietetics:

- KRDN 1.2 Use current information technologies to locate and apply evidence-based guidelines and protocols.
- KRDN 1.3 Apply critical thinking skills.
- KRDN 2.1 Demonstrate effective and professional oral and written communication and documentation.
- KRDN 2.5 Identify and describe the work of interprofessional teams and the roles of others with whom the registered dietitian nutritionist collaborates in the delivery of food and nutrition services.
- KRDN 2.6 Demonstrate an understanding of cultural competence/sensitivity.

KRDN 4.1 Apply management theories to the development of programs or services.

KRDN 4.2 Evaluate a budget and interpret financial data.

KRDN 4.4 Apply the principles of human resource management to different situations.

KRDN 4.5 Describe safety principles related to food, personnel and consumers.

KRDN 4.6 Analyze data for assessment and evaluate data to be used in decision-making for continuous quality improvement.

## GRADING INFORMATION

### Course Requirements:

Quizzes:	15 @ 20 points each	300
Exams:	3 @ 100 points each	300
SWOT analysis project	1 @ 50 points	50
Facility design project	1 @ 100 points	100
Strategic Planning project	1 @ 100 points	100
<u>Final exam (comprehensive)</u>		<u>150</u>
Total Points		1000

The instructor reserves the right to revise this as necessary.

**Grading Scale:** Final grades will be calculated using the grading scale below. Appealing for the exam score will be only permitted within 1 week after each exam. Please do not email me about your grade after 1 week. Grades can always be checked via Blackboard, and if you have concerns about your grade, these concerns need to be discussed prior to the final two weeks of courses.

93-100=A, 86-92.9=B, 75-85.9=C, 65-74.9=D, Below 65=F

**BMS 538: Administrative Dietetics (Online Lecture) 3(2-2)**

Week	Date	Topic	Due Dates/ Exams/Quizzes
1	08/21	Introduction to Systems Approach Quality Control in the Foodservice System	
2	08/28	Management Principles Risk Management	
3	09/04	9/4: Labor Day Strategic Management	
4	09/11	Facility design – Architectural measure, space allocation, and layout	Exam 1
5	09/18	Equipment Selection and Features of Equipment	SWOT analysis project
6	09/25	Accounting Principles and Basic Financial Statement	
7	10/02	Budget, Food Cost Control, Breakeven, Menu Engineering	
8	10/9	Energy and Waste Control, Sustainability	Exam 2
9	10/16	Management and Leadership	Facility design project
10	10/23	Organizational changes and Decision making	
11	10/30	Communication and Balance	
12	11/06	Human resource management (labor related laws and regulation, labor relations)	Exam 3
13	11/13	Employment process, the beginning: Need assessment and recruitment	Strategic planning project
14	11/20	Thanksgiving Break	
15	11/27	Human resource management (interview and selection, orientation, training, performance appraisal)	
16	12/04	Human resource management (compensation management, discipline, grievance, conflict management)	
Final Exam		Final exam	Comprehensive Final Exam

## Change Program Proposal Form

Submitted on 10/31/2016 by Carmen Boyd ([Carmenboyd@missouristate.edu](mailto:Carmenboyd@missouristate.edu)).

Department:

Biomedical Sciences

Type of Program

Choose One:

- |   |                                     |                                      |
|---|-------------------------------------|--------------------------------------|
| <input checked="" type="radio"/> Major (Non-Comprehensive/Graduate Program) | <input type="radio"/> Minor         | <input type="radio"/> Academic Rules |
| <input type="radio"/> Comprehensive Major                                   | <input type="radio"/> Certificate   | <input type="radio"/> Other          |
| <input type="radio"/> Option  | <input type="radio"/> Certification |                                      |

Title of Program Affected:

Dietetics-BS

**Current Catalog Description:** (Either cut and paste present description from online catalog **OR** provide as an attachment below)

### Major requirements

A total of 125 hours must be completed to earn a degree in Dietetics. Of the 125 hours, 40 hours must be upper-division course work.

### Program Requirements

General Education Requirements - see General Education Program and Requirements section of catalog

Specific General Education requirements: BMS 110(3) and 111(1); CHM 116(4) and 117(1); MTH 135(3) or 138(5) or 181(3) or 261(5) or 287(3); PSY 121(3); and either SOC 150(3) or ECO 155(3) or AGR 100(3) or REL 131(3).

### Major Requirements

Biomedical Science Courses: BMS 110(3), 111(1), 230(3), 240(3), 305(1), 306(1), 307(4), 308(4), 330(3), 331(4), 332(3), 333(3), 335(3), 338(1), 340(2), 345(3), 430(3), 438(4), 445(3), 532(3), 536(4), 539(1), 546(4), 550(2), 595(1)

Public Affairs Capstone Experience will be fulfilled by completion of BMS 345(3).

Related Requirements: ACC 109(1); BIO 210(3); CHM 116(4) and 117(1); CHM 201(3); CHM 352(3); ENG 321(3); MGT 340(3); MTH 340(3) or 545(3) or PSY 200(3) or QBA 237(3) or SOC 302(3); MTH 135(3) or 138(5) or 181(3) or 261(5) or 287(3); PSY 121(3); SOC 150(3) or ECO 155(3) or AGR 100(3) or REL 131(3).





General Baccalaureate Degree Requirements - see General Baccalaureate Degree Requirements section of catalog

If you have a ServSafe® certification you may forgo the required BMS 338 course, as long as the certification is valid for two years past your estimated graduation date.

You must maintain a GPA of 2.9 or higher to graduate from the Dietetics program and to obtain a verification statement to be eligible for an internship to complete the program.

 Not Attached

**Complete New Catalog Description:** (Either provide the revised description in the text area below [strikethrough all deletions and insert/bold new information - any content that is copied and pasted will lose existing formatting; please review prior to submission] **OR** provide as an attachment below)



See attached.

 Attached

### What is changing? Check all boxes that apply:

- ☐ Title change
- ☐ From option to program (major)
- ☐ Other
- ☒ Course changes of under 18 hours
- ☐ From program (major) to option
- ☐ Course changes of 18 hours or more

### Reason for Proposed Change:

To better align with accreditation changes and allow for greater flexibility within the social sciences, which is part of the General Education curriculum.

What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)

10/31/2016

**Current Status:**

College Council Review

**Proposal Progress:**

10/31/2016 - Submitted by Department Head (Colette Witkowski)

**Review Comments:**

No comments have been added to this proposal.

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# Major requirements

A total of 125 hours must be completed to earn a degree in Dietetics. Of the 125 hours, 40 hours must be upper-division course work.

## Program Requirements

1. General Education Requirements - see [General Education Program and Requirements](#) section of catalog  
Specific General Education requirements: [BMS 110](#)(3) and [111](#)(1); [CHM 116](#)(4) and [117](#)(1); [MTH 135](#)(3) or [138](#)(5) or [181](#)(3) or [261](#)(5) or [287](#)(3); and [PSY 121](#)(3). ~~and either [SOC 150](#)(3) or [ECO 155](#)(3) or [AGR 100](#)(3) or [REL 131](#)(3).~~
2. Major Requirements
  1. Biomedical Science Courses: [BMS 110](#)(3), [111](#)(1), [230](#)(3), [240](#)(3), [305](#)(1), [306](#)(1), [307](#)(4), [308](#)(4), [330](#)(3), [331](#)(4), [332](#)(3), [333](#)(3), [335](#)(3), [338](#)(1), [340](#)(2), [345](#)(3), [430](#)(3), [438](#) ~~(4)~~ (3), [445](#)(3), [532](#)(3), [536](#)(4), [538](#) (3), [539](#)(1), [546](#)(4), [550](#)(2), [595](#)(1)
  2. Public Affairs Capstone Experience will be fulfilled by completion of [BMS 345](#)(3) or **BMS 400** or **BMS 390**.
  3. Related Requirements: [ACC 109](#)(1); [BIO 210](#)(3); [CHM 116](#)(4) and [117](#)(1) **OR** **CHM 160** and **CHM 161**, and **CHM 170** and **CHM 171**; [CHM 201](#)(3); [CHM 352](#)(3) **OR** **BMS 320**; [ENG 321](#)(3); [MGT 340](#) ~~(3)~~; [MTH 340](#)(3) or [545](#)(3) or [PSY 200](#)(3) or [QBA 237](#)(3) or [SOC 302](#)(3); [MTH 135](#)(3) or [138](#)(5) or [181](#)(3) or [261](#)(5) or [287](#)(3); [PSY 121](#)(3); ~~[SOC 150](#)(3) or [ECO 155](#)(3) or [AGR 100](#)(3) or [REL 131](#)(3).~~
3. General Baccalaureate Degree Requirements - see [General Baccalaureate Degree Requirements](#) section of catalog

If you have a ServSafe® certification you may forgo the required BMS 338 course, as long as the certification is valid for two years past your estimated graduation date.

You must maintain a GPA of 2.9 or higher to graduate from the Dietetics program and to obtain a verification statement to be eligible for an internship. ~~to complete the program.~~

## Change Program Proposal Form

Submitted on 02/21/2017 by Carmen Boyd ([Carmenboyd@missouristate.edu](mailto:Carmenboyd@missouristate.edu)).

Department:

Biomedical Sciences

### Type of Program

Choose One:

- |  |  |                                      |
|--|--|--------------------------------------|
| <input type="radio"/> Major (Non-Comprehensive/Graduate Program) | <input checked="" type="radio"/> Minor | <input type="radio"/> Academic Rules |
| <input type="radio"/> Comprehensive Major                        | <input type="radio"/> Certificate      | <input type="radio"/> Other          |
| <input type="radio"/> Option                                     | <input type="radio"/> Certification    |                                      |

### Choose All That Apply:

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Bachelor of Arts | <input type="checkbox"/> Bachelor of Music Education    | <input checked="" type="checkbox"/> Bach of Science in Athl Training |
| <input type="checkbox"/> Bachelor of Applied Science | <input type="checkbox"/> Bachelor of Music              | <input type="checkbox"/> Bach of Science in Education                |
| <input type="checkbox"/> Bachelor of Fine Arts       | <input checked="" type="checkbox"/> Bachelor of Science | <input checked="" type="checkbox"/> Bachelor of Science in Nursing   |
| <input type="checkbox"/> Bachelor of Social Work     |   |  |

Title of Program Affected:

Nutrition

**Current Catalog Description:** (Either cut and paste present description from online catalog **OR** provide as an attachment below)



Minor requirements

You must have a total of 20 hours of required courses combined with nutrition electives to receive a minor in nutrition:

Nutrition

Bachelor of Arts

Bachelor of Science

Bachelor of Science in Athletic Training

Bachelor of Science in Nursing

Required Courses: BMS 240(3), 333(3)

Choose electives from the following to bring total hours in the minor to at least 20 hours: BMS 300(1), 330(3), 331(4), 332(3), 334(3), 335(3), 338(1), 340(2), 390(1-2), 391(1-4), 392(1), 395(1), 396(1), 397(1-3), 400(2), 430(3), 497(1-3), 532(3). No more than 3 hours of BMS 497 credit may be applied to the minor. See Dietetics Program Director for additional courses that may be approved.

Some courses may require prerequisites. It is important to meet with your advisor often when taking classes toward a minor in nutrition.

Not Attached

**Complete New Catalog Description:** (Either provide the revised description in the text area below [strikethrough all deletions and insert/bold new information - any content that is copied and pasted will lose existing formatting; please review prior to submission] **OR** provide as an attachment below)

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Minor requirements  
You must have a total of 20 hours of required courses combined with nutrition electives to receive a minor in nutrition:  
Nutrition  
Bachelor of Arts  
Bachelor of Science  
Bachelor of Science in Athletic Training  
Bachelor of Science in Nursing  
Required Courses: BMS 240(3), 333(3)  
Choose electives from the following to bring total hours in the minor to at least 20 hours: BMS 300(1), 330(3), 331(4), 332(3), 334(3), 335(3), 338(1), 340(2), **BMS 345 (3-0)**, 390(1-2), 391(1-4), 392(1), 395(1), 396(1), 397(1-3), 400(2), 430(3), 497(1-3), 532(3). No more than 3 hours of BMS 497 credit may be applied to the minor. See Dietetics Program Director for additional courses that may be approved.  
Some courses may require prerequisites. It is important to meet with your advisor often when taking classes toward a minor in nutrition.

Not Attached

Not Attached

Total Hours: 20

What is changing? Check all boxes that apply:

☐ Title change

☐ From option to program (major)

☐ Other

☒ Course changes of under 18 hours

☐ From program (major) to option

☐ Course changes of 18 hours or more

Reason for Proposed Change:

BMS 345 is a course available for minors.

What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)

10/31/2016

**Current Status:**

College Council Review

**Proposal Progress:**

02/22/2017 - Submitted by Department Head (Colette Witkowski)

**Review Comments:**

No comments have been added to this proposal.

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## Change Program Proposal Form

Submitted on 01/25/2017 by Hugh Gibson ([Hughgibson@missouristate.edu](mailto:Hughgibson@missouristate.edu)).

Department:

Kinesiology

Type of Program

Choose One:

- ☒ Major (Non-Comprehensive/Graduate Program)      ☐ Minor      ☐ Academic Rules
- ☐ Comprehensive Major      ☐ Certificate      ☐ Other
- ☐ Option      ☐ Certification

Title of Program Affected:

Recreation, Sport, and Park Administration-BS

**Current Catalog Description:** (Either cut and paste present description from online catalog **OR** provide as an attachment below)

Recreation, Sport, and Park Administration

Major(s)

Recreation, Sport, and Park Administration (Comprehensive)

Bachelor of Science

A General Education Requirements - see General Education Program and Requirements section of catalog

Specific General Education Requirement: KIN 210(3) or KIN 286(3)

B Major Requirements (74-78 hours) Note: All other coursework (including General Education Program, major(s), minor(s), if applicable), and all General Baccalaureate Degree Requirements, must be completed prior to taking REC 491, Recreation, Sport, and Park Administration Internship.

1 Core Requirements (47-51 hours)

a Complete the following courses: REC 152(3), 190(3), 200(3); REC 211(3) or 311(3) or 411(3); REC 330(3), 335(3), 390(3), 410(3), 422(3), 423(3), 490(1), 491(8 or 12)

b Complete the following statistics course: REC 328(3)

c Complete at least 5 hours of skills classes, with advisor approval, from the areas below with a maximum of 4 hours from any one area:

- 1 Arts and Crafts: ART 100(3), 115(3), 212(3), 255(3); CIS 205(3)
  - 2 Dance and Rhythms: KIN 125(1), 240(2), 270(1); MUS 100(2), 103(3), 104(3), 133(1), 135(1), 137(1)
  - 3 Drama and Theater: ENG 334(3); THE 224(1), 255(2), 506(3)
  - 4 Outdoor Education Activities: AGS 161(3), 162(1); MIL 101(2), 102(2), 211(2); KIN 110(1), 114(1), 260(2); REC 160(1), 451(3)
  - 5 Sports: KIN 112(1), 113(1), 118(1), 127(1), 130(1), 133(1), 135(1), 143(1), 145(1), 147(1), 149(1), 234(2), 264(2), 273(1)
- 2 Complete 27 hours, with advisor approval, from one of the following emphases:
- a Health and Wellness Promotions:  
Prepares students for various opportunities in the fitness industry, health-related services, and wellness management and promotion. Select 27 hours from Required Courses: KIN 257(2), 350(3), 360(4), 362(4), 569(4); REC 415(3); KIN 281(1) or 282(1); BMS 130(3) or BMS 240(3); MKT 150(3) or MKT 350(3)
  - c Parks and Outdoor Recreation:  
Prepares students for careers in parks and outdoor recreation and outdoor education within the public or private sector in adventure recreation, outdoor recreation/education facilities, or government natural resource management agencies. Must take the following 18 required hours: REC 211(3), 302(3), 311(3), 325(3), 411(3), 415(3). Select 3 hours from Outdoor Skills: REC 160(1), 451(3); KIN 110(1), 114(1), 135(1). Select 3 hours from Leadership/Education: CFD 163(3), CFD 361(3); COM 205(3), 325(3). Select 3 hours from Environmental Integration: AGN 143(3); BIO 373(3); GLG 171(3), 350(3); GRY 108(3), 300(3), 301(3), 351(3).
  - d Recreation Management:  
Prepares students for careers in administering recreation services and events in the Armed Forces, municipal parks and recreation departments, campus recreation, sporting goods retail, facility management, residential camps, resort recreation, travel, tourism and hospitality industry, meeting planning, and not-for-profit organizations: at-risk youth organizations, Boys and Girls Clubs, church recreation, Scouting, and YMCA. Select 15 hours from Required Courses: REC 406(3), 415(3); BUS 135(3); MGT 286(3); MGT 340(3) or PSY 305(3). Select 12 hours from electives: REC 160(1), 302(3), 305(1), 320(3), 325(3), 451(3); MGT 410(3); MKT 350(3), 355(3), 485(3); PLS 351(3).
  - e Sport Administration:  
Prepares students for careers in leadership opportunities in administering athletic programs, athletic teams, competitive sport camps and clinics, facilities and leagues; managing various sport entities, including Olympic training sites, municipal league programs, youth sport agencies, tournament management, sport administration and marketing, special event planning, retail sports industries, and coaching at the college or above level. Complete 16 hours from Required Courses: KIN 386(3), 485(2); REC 406(3), 415(3); BUS 135(3); MGT 286(3). Select 11 hours from electives: KIN 218(2), 234(2); REC 325(3), 405(2); BUS 307(2); MGT 340(3), 410(3).
  - f Therapeutic Recreation: This emphasis has been temporarily suspended and is not being offered at this time. Contact the Kinesiology Department for more information.
- 3 First Aid Proficiency: Each major must show proficiency in First Aid and Cardio Pulmonary Resuscitation (CPR). Students must provide copies of their current First Aid and CPR cards/certifications to the internship coordinator prior to enrolling in REC 491 and maintain current certifications throughout the internship. Certifications can be completed by the following:
- 1 Complete the American Red Cross First Aid course and CPR course and obtain certification (see [www.redcross.org](http://www.redcross.org) for information)
  - 2 Complete the American Heart Association First Aid course and CPR course and obtain certification (see [www.americanheart.org](http://www.americanheart.org) for information)
  - 3 Emergency Medical Technician (EMT) certification
  - 4 Public Affairs Capstone Experience will be fulfilled by completion of REC 335(3) and 491(8 or 12).
  - 5 General Baccalaureate Degree Requirements - see General Baccalaureate Degree Requirements section of catalog
- Recreation, Sport, and Park Administration (Non-Comprehensive)  
Bachelor of Science
- A General Education Requirements - see General Education Program and Requirements section of catalog)

Specific General Education Requirement: KIN 210(3) or KIN 286(3)

B Major Requirements (56-60 hours) Note: All other coursework (including General Education Program, major(s), minor(s), if applicable), and all General Baccalaureate Degree Requirements, must be completed prior to taking REC 491, Recreation, Sport, and Park Administration Internship.

1 Core Requirements (47-51 hours)

a Complete the following courses: REC 152(3), 190(3), 200(3); REC 211(3) or 311(3) or 411(3); REC 330(3), 335(3), 390(3), 410(3), 422(3), 423(3), 490(1), 491(8 or 12)

b Complete the following statistics courses: REC 328(3)

c Complete at least 5 hours of skills classes, with advisor approval, from the areas below with a maximum of 4 hours from any one area:

1 Arts and Crafts: ART 100(3), 115(3), 212(3), 255(3); CIS 205(3)

2 Dance and Rhythms: KIN 125(1), 240(2), 270(1); MUS 100(2), 103(3), 104(3), 133(1), 135(1), 137(1)

3 Drama and Theater: ENG 334(3); THE 224(1), 255(2), 506(3)

4 Outdoor Education Activities: AGS 161(3), 162(1); MIL 101(2), 102(2), 211(2); KIN 110(1), 114(1), 260(2); REC 160(1), 451(3)

5 Sports: KIN 112(1), 113(1), 118(1), 127(1), 130(1), 133(1), 135(1), 143(1), 145(1), 147(1), 149(1), 234(2), 264(2), 273(1)

2 Complete, with advisor approval, 9 hours from one of the following emphases:

a Recreation Management:

b Prepares students for careers in administering recreation services and events in the Armed Forces, municipal parks and recreation departments, campus recreation, sporting goods retail, facility management, residential camps, resort recreation, travel, tourism and hospitality industry, meeting planning, and not-for-profit organizations: at-risk youth organizations, Boys and Girls Clubs, church recreation, Scouting, and YMCA. Complete the following 3 Required Courses: REC 406(3), 415(3); MGT 340(3) or PSY 305(3).

c Sport Administration:

d Prepares students for careers in leadership opportunities in administering athletic programs, athletic teams, competitive sport camps and clinics, facilities and leagues; managing various sport entities, including Olympic training sites, municipal league programs, youth sport agencies, tournament management, sport administration and marketing, special event planning, retail sports industries, and coaching at the college or higher level. Complete the following 3 Required Courses: REC 325(3), 406(3), 415(3).

3 First Aid Proficiency: Each major must show proficiency in First Aid and Cardio Pulmonary Resuscitation (CPR). Students must provide copies of their current First Aid and CPR cards/certifications to the internship coordinator prior to enrolling in REC 491 and maintain current certifications throughout the internship. Certifications can be completed by the following:

a Complete the American Red Cross First Aid course and CPR course and obtain certification (see [www.redcross.org](http://www.redcross.org) for information)

b Complete the American Heart Association First Aid course and CPR course and obtain certification (see [www.americanheart.org](http://www.americanheart.org) for information)

c Emergency Medical Technician (EMT) certification

4 Public Affairs Capstone Experience will be fulfilled by completion of REC 335(3) and 491(8 or 12).

C Minor required (or second major)

D General Baccalaureate Degree Requirements - see General Baccalaureate Degree Requirements section of catalog

Minor(s)

Recreation, Sport, and Park Administration

Bachelor of Arts

Bachelor of Science

1 Complete the following six courses: REC 152(3), 190(3), 205(3), 390(3), 422(3), 423(3)

2 Complete one of the following courses: REC 211(3), 311(3), 411(3)

Accelerated Master's Program in Health Promotion and Wellness Management





Students enrolled in programs in the Department of Kinesiology may be accepted into the Health

Promotion and Wellness Management program after admission requirements for the accelerated master's option are met. Once accepted for early admission, up to 12 credit hours of approved 600 and 700-level coursework (Mixed Credit) may be counted toward both the undergraduate and graduate degree programs. The accelerated option allows majors in the Department of Kinesiology who are interested in health promotion and wellness management to complete the requirements for the graduate degree in three semesters and a summer rather than the typical four semesters and a summer. Refer to the Graduate Catalog for more information.

For courses to be designated as Mixed Credit, the graduate advisor, undergraduate department head, and Graduate College dean must approve by signing the Permission for Mixed Credit form. This form must be provided to the Office of the Registrar in Carrington Hall 320 no later than the end of the Change of Schedule Period for the semester.

*Not Attached*

**Complete New Catalog Description:** (Either provide the revised description in the text area below [strikethrough all deletions and insert/bold new information - any content that is copied and pasted will lose existing formatting; please review prior to submission] **OR** provide as an attachment below)



*Attached*

**What is changing? Check all boxes that apply:**

- |  |   |
|--|---|
| <input type="checkbox"/> Title change                                | <input type="checkbox"/> From option to program (major) |
| <input checked="" type="checkbox"/> Course changes of under 18 hours | <input type="checkbox"/> From program (major) to option |
| <input type="checkbox"/> Course changes of 18 hours or more          |   |

☒ Other

Added 1 hour to major requirements. Added 4 hours to our core and changed out courses. Subtracted 3 hours from our emphasis areas.

**Reason for Proposed Change:**

To meet the changing needs of profession, and to bring bring our already nationally accredited program to even better alignment with our national organization. These changes will also better prepare our students to meet the changing demands of the profession at local, state and national levels.

**What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)**

04/18/2016

**Current Status:**

College Council Review

**Proposal Progress:**

02/03/2017 - Submitted by Department Head (Sarah McCallister)

## Review Comments:

No comments have been added to this proposal.

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# Recreation, Sport, and Park Administration

Major(s)

Recreation, Sport, and Park Administration

(Comprehensive)

Bachelor of Science

- A General Education Requirements - see [General Education Program and Requirements](#) section of catalog Specific General Education Requirement: [KIN 210\(3\)](#) or [KIN 286\(3\)](#)
- B Major Requirements (745-789 hours) Note: All other coursework (including General Education Program, major(s), minor(s), if applicable), and all General Baccalaureate Degree Requirements, must be completed prior to taking [REC 491\(8 or 12\)](#), Recreation, Sport, and Park Administration Internship.

1 Core Requirements (47-51-55 hours)

- a Complete the following courses: [REC 152\(3\)](#), ~~[REC 190\(3\)](#)~~, [REC 200\(3\)](#), ~~[REC 200\(3\)](#)~~, [REC 211\(3\)](#) or [REC 311\(3\)](#), ~~[REC 311\(3\)](#)~~, [REC 302\(3\)](#), ~~[REC 302\(3\)](#)~~, [REC 330\(3\)](#), [REC 328\(3\)](#), [REC 335\(3\)](#), ~~[REC 335\(3\)](#)~~, [REC 390\(3\)](#), ~~[REC 390\(3\)](#)~~, [REC 406\(3\)](#), ~~[REC 406\(3\)](#)~~, [REC 410\(3\)](#), ~~[REC 410\(3\)](#)~~, [REC 415\(3\)](#), ~~[REC 415\(3\)](#)~~, [REC 422\(3\)](#), ~~[REC 423\(3\)](#)~~, [REC 490\(1\)](#), [REC 491\(8 or 12\)](#), ~~[REC 491\(8 or 12\)](#)~~.

b Complete the following statistics course: [REC 328\(3\)](#)

eb Complete at least 53 hours of skills classes, with advisor approval, from the areas below, with a maximum of 4 hours from any one area:

- 1 Arts and Crafts: [ART 100\(3\)](#), [ART 115\(3\)](#), [ART 212\(3\)](#), [ART 255\(3\)](#), [CIS 205\(3\)](#)

1 KIN 110(1), Dance and Rhythms: [KIN 110\(1\)](#), [KIN 112\(1\)](#), [KIN 112\(1\)](#), [KIN 113\(1\)](#), [KIN 113\(1\)](#), [KIN 114\(1\)](#),

2 [KIN 118\(1\)](#), [KIN 114\(1\)](#), [KIN 118\(1\)](#), [KIN 125\(1\)](#), [KIN 125\(1\)](#), [KIN 127\(1\)](#), [KIN 127\(1\)](#), [KIN 130\(1\)](#), [KIN 130\(1\)](#), [KIN 133\(1\)](#), [KIN 133\(1\)](#), [KIN](#)

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135(1), ~~135(1)~~, KIN 143(1), KIN 145(1), ~~143(1)~~, KIN 147(1), ~~145(1)~~, ~~147(1)~~, KIN 149(1), KIN 234(2), ~~149(1)~~, ~~KIN 125~~ KIN 240(2), (1), ~~234(2)~~, ~~240(2)~~, KIN 260(2), KIN 264(2), ~~260(2)~~, KIN 270(1), KIN 273(1), ~~264(2)~~, ~~270(1)~~, ~~273(1)~~, MUS 100(2), 103(3), 104(3), 133(1), 135(1), 137(1) 3—Drama and Theater: ~~ENG 334(3)~~, ~~THE 224(1)~~, ~~255(2)~~, ~~506(3)~~ 4—Outdoor Education Activities: ~~AGS 161(3)~~, ~~1AGS 162(1)~~, MIL 101(2), ~~1MIL 102(2)~~, ~~2MIL 211(2)~~, ~~KIN 110(1)~~, ~~114(1)~~, ~~260(2)~~, REC 160(1), REC 451(3), REC 307(3), ~~451(3)~~, ~~307(3)~~, ~~309(3)~~. 5 Sports: ~~KIN 112(1)~~, ~~113(1)~~, ~~118(1)~~, ~~127(1)~~, ~~130(1)~~, ~~133(1)~~, ~~135(1)~~, ~~143(1)~~, ~~145(1)~~, ~~147(1)~~, ~~149(1)~~, ~~234(2)~~, ~~264(2)~~, ~~273(1)~~

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2 Complete ~~24~~ 27 hours ~~required, with advisor approval,~~ from one of the following emphases:

- a Health and Wellness Promotions: Prepares students for various opportunities in the fitness industry, health-related services, and wellness management and promotion. Courses Select ~~24~~ hours from the required courses: KIN 257(2), KIN 281(1) or KIN 282(1), ~~KIN 350(3)~~, ~~350(3)~~, KIN 360(4), KIN 362(4), KIN 569(4), ~~360(4)~~, ~~362(4)~~, ~~569(4)~~, BMS 130(3); MKT 150(3).  
b Prepares students for various opportunities in the fitness industry, health-related services, and wellness management and promotion. Select 27 hours from Required Courses: ~~KIN 257(2)~~, ~~350(3)~~, ~~360(4)~~, ~~362(4)~~, ~~569(4)~~, ~~REC 415(3)~~, ~~KIN 281(1)~~ or ~~282(1)~~, ~~BMS 130(3)~~ or ~~BMS 240(3)~~, ~~MKT 150(3)~~ or ~~MKT 350(3)~~

b Parks and Outdoor Recreation: Prepares students for careers in parks and outdoor recreation and outdoor education within the public or private sector in adventure recreation, outdoor recreation/education facilities, or government natural resource management agencies.

Courses Select 24 hours from the required classes: Must take the following 18 required hours: REC 211(3); or REC 311(3), 302(3), 311(3), REC 305(3), REC 307(3), REC 309(3), REC 325(3), REC 451(3) or 305(3), 307(3), 309(3), 325(3); COM 325(3); REC 451 or 3 Outdoor Activity hours approved by a Advisor, COM 325(3); GRY 318(3), 411(3), 415(3). Select 3 hours from Outdoor Skills: REC 160(1), 451(3); KIN 110(1), 114(1), 135(1). Select 3 hours from Leadership/Education: CFD 163(3), CFD 361(3), COM 205(3), 325(3).

Select 3 hours from Environmental Integration: AGN 143(3); BIO 373(3); GLG 171(3), 350(3); GRY 108(3), 300(3), 301(3), 351(3).

- c Recreation Management: Prepares students for careers in administering recreation services and events in the Armed Forces, municipal parks and recreation agencies, departments, agencies, campus recreation, sporting goods retail, facility management, residential camps, resort recreation, travel, tourism and hospitality industry, meeting planning, and not-for-profit organizations; at-risk youth organizations, Boys and Girls Clubs, church recreation, Scouting, and YMCA. Courses Select 24 from the hours the hours from required courses: BUS 135(3); MGT 286(3); MGT 340(3); 3 REC 305 (3), 3 REC 320(3), 3 REC 325(3); KIN 468(4), KIN 468(4), KIN 234(2); 234(2) BUS 135(3); MGT 286(3), MGT 340(3).

- e Recreation Management: Prepares students for careers in administering recreation services and events in the Armed Forces, municipal parks and recreation departments, campus recreation, sporting goods retail, facility management, residential camps, resort recreation, travel, tourism and hospitality industry, meeting planning, and not for profit organizations: at-

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risk youth organizations, Boys and Girls Clubs, church recreation, Scouting, and YMCA. Select 15 hours from Required Courses: REC 406(3), 415(3), BUS 135(3), MGT 286(3), MGT 340(3) or PSY 305(3). Select 12 hours from electives: REC 160(1), 302(3), 305(1), 320(3), 325(3), 451(3), MGT 410(3), MKT 350(3), 355(3), 485(3), PLS 351(3).

- d Sport Administration: Prepares students for careers in leadership opportunities in administering athletic programs, athletic teams, competitive sport camps and clinics, facilities and leagues; managing various sport entities, including Olympic training sites, municipal league programs, youth sport agencies, tournament management, sport administration and marketing, special event planning, retail sports industries, and coaching at the college or above level. Courses Select 24 Complete 16 hours from Required Courses: REC 325(3), REC 305(3), KIN 210(3) or KIN 286(3), KIN 218(2), KIN 234(2), KIN 386(3), KIN 485(2), REC 325(3), REC 305(3), REC 406(3), 415(3), BUS 135(3), MGT 286(3).  
e Select 11 hours from electives: KIN 218(2), 234(2), REC 325(3), 405(2), BUS 307(2), MGT 340(3), 410(3).

- e Therapeutic Recreation: This emphasis has been temporarily suspended and is not being offered at this time. Contact the Kinesiology Department for more information.

f

- 3 First Aid Proficiency: Each major must show proficiency in First Aid and Cardiopulmonary Resuscitation (CPR). Students must provide copies of their current First Aid and CPR cards/certifications to the internship coordinator prior to enrolling in REC 491 ~~REC 491~~ and maintain current certifications throughout the internship. Certifications can be completed by the following:

- 1 Complete the American Red Cross First Aid course and

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- 2                   CPR course and obtain certification (see  
                      www.redcross.org for information)
- 3                   Complete the American Heart Association First Aid  
                      course and CPR course and obtain certification  
                      (see www.americanheart.org for information)
- 4                   Emergency Medical Technician (EMT) certification
- 5                   Public Affairs Capstone Experience will be fulfilled by completion of  
                      REC 335(3) and REC 491(8 or 12).
- 6                   General Baccalaureate Degree Requirements - see General  
                      Baccalaureate Degree Requirements section of catalog

5

## Recreation, Sport, and Park Administration (Non-Comprehensive)

### Bachelor of Science

A General Education Requirements—see General Education Program and Requirements section of catalog—Specific General Education Requirement: KIN 210(3) or KIN 286(3)

B Major Requirements (56–60 hours) Note: All other coursework (including General Education Program, major(s), minor(s), if applicable), and all General Baccalaureate Degree Requirements, must be completed prior to taking REC 491, Recreation, Sport, and Park Administration Internship.

o Core Requirements (47–51 hours)

— Complete the following courses: REC 152(3), 190(3), 200(3); REC 211(3) or 311(3) or 411(3); REC 330(3), 335(3), 390(3), 410(3), 422(3), 423(3), 490(1), 491(8 or 12)

a Complete the following statistics courses: REC 328(3)

a Complete at least 5 hours of skills classes, with advisor approval, from the areas below with a maximum of 4 hours from any one area:

o Arts and Crafts: ART 100(3), 115(3), 212(3), 255(3); CIS 205(3)

o Dance and Rhythms: KIN 125(1), 240(2), 270(1); MUS 100(2), 103(3), 104(3), 133(1), 135(1), 137(1)

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- 1 ————— Drama and Theater: ENG 334(3); THE 224(1), 255(2), 506(3)
- 1 ————— Outdoor Education Activities: AGS 161(3), 162(1); MIL 101(2), 102(2), 211(2); KIN 110(1), 114(1), 260(2); REC 160(1), 451(3)
- 1 ————— Sports: KIN 112(1), 113(1), 118(1), 127(1), 130(1), 133(1), 135(1), 143(1), 145(1), 147(1), 149(1), 234(2), 264(2), 273(1)
- 1 ————— Complete, with advisor approval, 9 hours from one of the following emphases:
  - a ————— Recreation Management:
    - a ————— Prepares students for careers in administering recreation services and events in the Armed Forces, municipal parks and recreation departments, campus recreation, sporting goods retail, facility management, residential camps, resort recreation, travel, tourism and hospitality industry, meeting planning, and not-for-profit organizations: at-risk youth organizations, Boys and Girls Clubs, church recreation, Scouting, and YMCA. Complete the following 3 Required Courses: REC 406(3), 415(3); MGT 340(3) or PSY 305(3).
  - a ————— Sport Administration:
    - a ————— Prepares students for careers in leadership opportunities in administering athletic programs, athletic teams, competitive sport camps and clinics, facilities and leagues; managing various sport entities, including Olympic training sites, municipal league programs, youth sport agencies, tournament management, sport administration and marketing, special event planning, retail sports industries, and coaching at the college or higher level. Complete the following 3 Required Courses: REC 325(3), 406(3), 415(3).
- 1 ————— First Aid Proficiency: Each major must show proficiency in First Aid and Cardio Pulmonary Resuscitation (CPR). Students must provide copies of their current First Aid and CPR

cards/certifications to the internship coordinator prior to enrolling in REC 491 and maintain current certifications throughout the internship. Certifications can be completed by the following:

- \_\_\_\_\_ Complete the American Red Cross First Aid course and CPR course and obtain certification (see [www.redcross.org](http://www.redcross.org) for information)
  - b \_\_\_\_\_ Complete the American Heart Association First Aid course and CPR course and obtain certification (see [www.americanheart.org](http://www.americanheart.org) for information)
  - b \_\_\_\_\_ Emergency Medical Technician (EMT) certification
  - 1 \_\_\_\_\_ Public Affairs Capstone Experience will be fulfilled by completion of REC 335(3) and 491(8 or 12).
- B Minor required (or second major)  
B General Baccalaureate Degree Requirements—see General Baccalaureate Degree Requirements section of catalog

## Minor(s)

### Recreation, Sport, and Park Administration

Bachelor of Arts

Bachelor of Science

- 1 Complete the following six courses: REC 152(3), ~~1~~REC 190(3), ~~2~~REC 205(3), ~~3~~REC 390(3), ~~4~~REC 422(3), ~~4~~REC 423(3)
- ~~2~~ Complete one of the following courses: REC 211(3) or ~~3~~REC 311(3).  
~~2~~ ~~411(3)~~

### Accelerated Master's Program in Health Promotion and Wellness Management

Students enrolled in programs in the Department of Kinesiology may be accepted into the Health Promotion and Wellness Management program after admission requirements for the accelerated master's option are met. Once accepted for early admission, up to 12 credit hours of approved 600 and 700-level coursework (Mixed Credit) may be counted toward both the undergraduate and graduate degree programs.

The accelerated option allows majors in the Department of Kinesiology who are interested in health promotion and wellness management to complete

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the requirements for the graduate degree in three semesters and a summer rather than the typical four semesters and a summer. Refer to the [Graduate Catalog](#) for more information.

For courses to be designated as Mixed Credit, the graduate advisor, undergraduate department head, and Graduate College dean must approve by signing the Permission for Mixed Credit form. This form must be provided to the Office of the Registrar in Carrington Hall 320 no later than the end of the Change of Schedule Period for the semester.

## New Program Proposal Form

Submitted on 12/20/2016 by Tona Hetzler ([Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)).

This form is to be used for internal Missouri State approval of any proposal for a new program involving two or more courses, including any new graduate program, new undergraduate major (whether comprehensive or non-comprehensive), new option within an existing program (whether graduate or undergraduate), new minor, new certificate, or new certification program.

New graduate programs, new undergraduate majors, and certificate programs involving more than 18 credit hours require approval by the CBHE as well as approval through the Missouri State curricular process. CBHE applications for such programs are processed through the Office of Institutional Research. All proposals for new programs requiring CBHE approval should progress through the Missouri State curricular process accompanied by a draft of the required CBHE documentation.

**Department:**

Sports Medicine & Ath Training

**Proposed Program Title:**

Master of Athletic Training

**Choose One:**

- |   |                                     |                                      |
|---|-------------------------------------|--------------------------------------|
| <input checked="" type="radio"/> Major (Non-Comprehensive/Graduate Program) | <input type="radio"/> Minor         | <input type="radio"/> Academic Rules |
| <input type="radio"/> Comprehensive Major                                   | <input type="radio"/> Certificate   | <input type="radio"/> Other          |
| <input type="radio"/> Option  | <input type="radio"/> Certification |                                      |

**Select Degree Type (or Select Graduate Certificate or Undergraduate Certificate):**

MA - Master of Arts

**General Education Courses Required:**

N/A



Total Hours: 0

**General Education Courses Recommended:**

N/A

Total Hours: 0

**Requirements (including Admission) and Limitations for Specific Degree/Program:**

Admission requirements

Completed applications must be received by January 1st for admission for the following June. To be considered for admission to the Master of Athletic Training program, a prospective student must apply to the program via the Athletic Training Centralized Application Services (ATCAS). Applicants who are accepted into the Master of Athletic Training program will follow the Graduate College's procedures to activate their MSU student records. Full admission to the Master of Athletic Training program is selective and competitive; not all that apply will be admitted. Students who are not accepted into the Master of Athletic Training program may apply for the next application deadline. Applicants with complete application materials for full admission will be reviewed by the Master of Athletic Training Program Selection Committee. A select number of applicants will be invited for a personal interview. Phone or Skype interviews will be permitted for students living a distance of more than 100 miles from Springfield, MO.

SELECTION FOR AN INTERVIEW AND FINAL ADMISSION DECISIONS WILL BE BASED ON THE FOLLOWING:

1. Submission of an application to ATCAS that must include a personal statement not to exceed three pages; documented evidence of a minimum of 50 hours of observation of athletic trainers in at least two different areas of practice; two letters of recommendation (one letter from an academic source and one from an athletic trainer that supervised the observation hours);
2. A cumulative grade point average (GPA) of no less than 3.00 on a 4.00 scale;
3. Submission of official Graduate Record Examination (GRE) scores taken within the last five years prior to application with a preferred minimum score of 153 in Verbal Reasoning, 150 in Quantitative Reasoning, and 3.5 in Analytical Writing;
4. International applicants whose native language is not English and do not have a U.S. degree are required to have a score on the TOEFL of 79 or higher (internet-based test) or an IELTS score of 6.0 or higher. The requirement for a TOEFL or IELTS score may be waived for applicants who meet one of the following: (i) are native English speakers or (ii) have completed a minimum of 60 semester credit hours from an accredited college or university in the United States.
5. Possession of a baccalaureate degree from an accredited college or university prior to matriculation. The undergraduate major may be in any field, but students must complete the following prerequisites – examples of Missouri State University courses listed below in parentheses - prior to entering the program in the summer:

- Care and Prevention or Introduction to Sports Medicine: 2-3 hrs. (ATC 220 or 222)
- English: 6 hrs. (ENG 110 and ENG 201, 221, 310 or 321)
- College Algebra or higher: 3 hrs. (MTH 135 or higher)
- Statistics: 3 hrs. (MTH 340, MTH 545, ECO 308, QBA 237, PSY 200, SOC 302 or BIO 550)
- Physics with lab: 3-4 hrs. (PHY123)
- Introductory Chemistry with lab: 4-5 hrs. (CHM 160 and CHM 161)
- Introductory Psychology: 3 hrs. PSY 121 hrs.
- General Biology/Biomedical Sciences with lab: 4-5 hrs. (BIO 121 or BMS 110 and 111)
- Human Anatomy with lab: 4 hrs. (BMS 307)\*\*

• Human Anatomy with lab: 4 hrs. (BMS 307)

• Human Physiology with lab: 4 hrs. (BMS 308)\*\*

\*\*If students take a combined course, it must be taken across two

semesters for a total of at least 8 credit hours to meet admission criteria; a single combined anatomy and physiology course WILL NOT be accepted.

• Medical Terminology: 1-3 hrs. (LLT 102)

• Exercise Physiology: 3-4 hrs. (BMS 567)

• Biomechanics/Kinesiology: 3-4 hrs. (BMS 450)

• Nutrition: 3 hrs. (BMS 240)

• Provide evidence of current Emergency Cardiac Care (ECC) certification at the Basic Life Support/Professional Rescuer level or beyond.

ONCE ACCEPTED TO THE PROGRAM, ALL STUDENTS MUST:

1. Follow the Graduate College's procedures to activate their MSU student records.

2. Pay a non-refundable confirmation fee of \$500 to the Department of Sports Medicine and Athletic Training to reserve a seat in the incoming class. Upon matriculation into the Master of Athletic Training program, this fee will be applied to the summer session tuition.

3. Provide evidence of current physical examination including a PPD skin test or chest X-ray for tuberculosis. Evidence of appropriate follow up from an individual testing positive for TB must be provided. Matriculating students must also demonstrate evidence of good physical health and have up-to-date immunizations (MMR, tetanus, a complete Hepatitis B series, and any other vaccinations required by clinical sites).

4. Provide signed technical standard form that documents capacity for performance of the technical functions and tasks required of an athletic trainer.

5. Initiate and pay for any additional security checks and drug screening required by clinical agencies, professional memberships and licensure, as well as any other cost associated with their program of study. Students must submit drug screening test and a criminal record check and receive response that the applicant has not been convicted of any crime pursuant to Section 660.317 RSMO or other disqualifications that would prohibit licensure as an Athletic Trainer. \*Students who fail these checks or procedures will be subject to further review by the Master of Athletic Training Program Selection Committee. This may result in dismissal from the program.

6. Provide proof of liability insurance – group rates will be available.

7. Adhere to the SMAT Code of Honor and the National Athletic Trainers' Associations Code of Ethics; students will respect the rights and dignity of all individuals.

8. Enroll on a full-time basis and progress through the program with their class.

#### Probationary Admission to the Program

Probationary admission may be granted to an applicant that does not meet one or more of the above program admission requirements.

1. During the probationary period, the student must work with their advisor and the program director to complete the missing requirement(s) by the end of the first summer session.

#### Progression and Retention Requirements

After admission into the Master of Athletic Training program, a student must achieve the following for progression in the program:

1. Remain in compliance with all Master of Athletic Training, CHHS and Graduate College policies.

2. Receive no more than 9 semester hours of graduate work below a grade of "B" or a course with a grade

2. Receive no more than 9 semester hours of graduate work below a grade of B-, no course with a grade "C-" or below may be applied towards the Master of Athletic Training. Furthermore, a graduate student becomes ineligible for graduate study if more than 9 semester hours of "C+" or lower are earned in graduate courses taken in the degree program.
3. Demonstrate acceptable levels of maturity and integrity, as well as behaviors and attitudes normally expected of health care professionals.
4. Demonstrate acceptable professional progression in application of skills and knowledge during didactic and clinical experiences.
5. Maintain current NATA, MAATA, and MoATA membership.
6. Maintain current liability insurance
7. Maintain current Emergency Cardiac Care (ECC) certification at the Basic Life Support/Professional Rescuer level or beyond.

Students who fail to meet the retention criteria may:

1. Be placed on academic or clinical probation in the Master of Athletic Training program, or
2. Be dismissed from the program, based on the judgment of the majority of the Sports Medicine and Athletic Training department graduate faculty.

Students on clinical probation must receive a rating of "satisfactory" or higher on all remaining AT clinical evaluations. Students who fail to meet the probationary criteria or are dismissed from the program are not eligible for readmission into the Master of Athletic Training program. Students have the right to follow the University's appeal process on any disciplinary sanction received.

Students should refer to the Missouri State University Sports Medicine and Athletic Training Handbook for Professional Athletic Training Students for additional policies and procedures of the Sports Medicine and Athletic Training Department.

Total Hours: 61

**Courses Required in Department:**

ATC 601	Foundations of Athletic Training	1 hr
ATC 602	Orthopedic Review	2 hrs
ATC 604	Clinical Skills in AT	3 hrs
ATC 622	AT Practicum I	2 hr
ATC 623	Patient Evaluation I	3 hrs
ATC 631	AT Integrated Lab I	1 hr
ATC 633	Therapeutic Interventions I	3 hrs
ATC 640	Evidence-Based Practice	2 hrs
ATC 653	Patient Evaluation II	3 hrs
ATC 663	Therapeutic Interventions II	3 hrs
ATC 671	AT Integrated Lab II	1 hr
ATC 682	AT Practicum II	2 hrs
ATC 711	Problem Based Practice (1 hr each)	3 hrs
ATC 713	AT Practicum III	3 hrs
ATC 724	AT Practicum IV	4 hrs
ATC 732	Applied Research Methods in Health Care	3 hrs
ATC 734	Prof Dev and Leadership	4 hrs
ATC 741	Therapeutic Interventions III	1 hr
ATC 753	Pharmacology/General Medical Concepts	3 hrs
ATC 773	Athletic Training Seminar	3 hrs
ATC 784	AT Practicum V	4 hrs
ATC 791	AT Research Project	1 hr
ATC 797	Non-thesis Project	3 hrs

Total Hours: 58

#### Courses Required in Other Departments:

PSY 627 Advanced Psychological Statistical Methods 3 hrs

Total Hours: 3

#### Prerequisites for Required Courses:

Admissions to the program and program director approval.

#### Recommended Electives in Department:

N/A

Total Hours: 0

#### Recommended Electives in Other Departments:

N/A

Total Hours: 0

**Limitations on Electives:**

The Master of Athletic Training degree is a professional level cohort program that does not require electives.

Please attach the following documents: (only one file may be attached for each requirement; accepts file types of PDF, DOC or DOCX)

1. Statement of Rationale: *Attached*
2. Estimated costs for first five years: *Attached*
3. Complete catalog description (including new courses and course changes pending approval): *Attached*
4. CBHE Application (If applicable): *Attached*

\*Note: For new programs requiring CBHE approval, CBHE forms NP, PS, and PG will satisfy #1 and CBHE form FP will satisfy #2.

**What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)**

02/02/2016

**Current Status:**

Grad Council Review

**Proposal Progress:**

12/20/2016 - Submitted by Department Head (Tona Hetzler)  
12/21/2016 - Reviewed by Dean (Helen Reid)

**Review Comments:**

12/20/2016 - Department Head Review - Tona Hetzler - Degree type should be Master of Athletic Training which is not an option on this system. Faculty Senate office instructed the department to leave this question blank for the system would not accept the proposal without a response to the degree applicability question. The department select MA to allow the proposal to move forward.

Copy As New Proposal



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1. Submitted by: Missouri State University
2. Program Title: Master of Athletic Training
3. Degree/Certificate: Master of Athletic Training
4. Options: None
5. Delivery Site(s): Missouri State University, Springfield, MO
6. CIP Classification: Athletic Training 51.0913
7. Implementation Date: Summer 2018
8. Cooperative Partners: None

#### AUTHORIZATION

Dr. Frank Einhellig, Provost		
Name/title of Institutional Officer	Signature	Date
Dr. Julie Masterson, Associate Provost	417-836-5335	
Person to Contact for More Information	Telephone Number	

### STUDENT ENROLLMENT PROJECTIONS (Form SE:)

	1	2	3	4	5
Full Time	12	24	27	35	40
Part Time	0	0	0	0	0
Total	12	24	27	35	40

1. Please provide a rationale regarding how student enrollment projections were calculated

Enrollment projections are based on 1) the level of interest expressed by current Missouri State University students and prospective high school and transfer students, 2) review of the 2013-2014 and 2014-2015 CAATE Analytic Report, 3) history of degrees granted and cohorts admitted in the MSU Bachelor of Science Athletic Training (BSAT) program, and 4) the capacity (accreditation standards, clinical experiences, and number of faculty) of the program. In the first year of the Master of Athletic Training program the cohort will be limited to 12 students as the BSAT is being phased out. Each year for the first three years, the admitted cohort will increase. Once the teach out of the BSAT is complete, the Master of Athletic Training program will admit a cohort of 20 students each year.

- 1) *Level of interest of current MSU students and prospective high school students and transfer students*

Based on departmental records, over the past two years (2014 and 2015), 259 interest forms were received from prospective students. This is an optional online form that is available for students to complete. Between June 2015 and October 2016, 156 students (56 transfer students) have visited the department that were interested in the program.

- 2) *CAATE Analytic Reports 2013-2014 and 2014-2015*

Academic Year	Student Enrollment (Mean)	
	All Professional Programs (BS and MS)	Master's Degree Programs
2013-2014 (368 academic programs)	36.1	26.3
2014-2015 (375 academic programs)	37.2	27.7

Note: This is total program enrollment, not by cohort.

- 3A) *Number of Athletic Training BSAT Degrees Granted at Missouri State University*

Year	2011	2012	2013	2014	2015	5 year average
# of BSAT Granted	8	13	19	15	19	14.8



### 3B) Current Missouri State University BSAT Cohort Sizes

Year Admitted	2013	2014	2015	2016
Cohort Size	22	26	19	19

2. Provide a rationale for proposing this program, including **evidence of market demand and societal need supported by research** (i.e., please cite sources for evidence used).

#### **Rationale for the program**

Missouri State University's College of Health and Human Services (CHHS) has a strong history in educating and producing quality undergraduate and graduate health care providers in a variety of disciplines. Utilizing our strengths and experiences Missouri State University is seeking approval to transition the Bachelor of Science in Athletic Training (BSAT) to a professional level Master of Athletic Training degree.

In June 2015, the Commission on Accreditation of Athletic Training education (CAATE) announced that a professional master's degree would be the minimal degree requirement for certification as an athletic trainer. Missouri State University would be the only public institution in southern Missouri offering the Master of Athletic Training program. Currently, one private university (St. Louis University) offers the professional AT degree at the Masters level. One public university in northwest Missouri (Truman University) and one private school in southern Missouri (Evangel) are in the process of transitioning to the Master's degree. In addition to meeting the mandated accreditation degree transition, the proposed Master of Athletic Training program aligns with Missouri State University's mission and strategic initiatives (e.g., Embrace dynamic adaptation as the norm at Missouri State to meet the pace of change, including theoretical, pedagogical and technological advances; The university embraces curricular transformation as an approach to ensure that its undergraduate and graduate students have knowledge and competencies related to diversity and inclusion; Develop new or modify existing degree programs to better attract international students; Maintain strategic growth in enrollment while increasing retention and graduation rates) has the support of the sports medicine community, and provides graduate trained health care professionals for the state of Missouri.

#### **a. Market Demand:**

As of 2022, the professional level masters of athletic training will be the only entry point into the Athletic Training Profession. On average, there are 300 new jobs posted monthly on the National Athletic Trainers' Association career center. These postings represent the continuous demand for athletic trainers and the ongoing employment opportunities in the profession. According to the U.S. Bureau of Labor Statistics Occupational Outlook Handbook, "employment of athletic trainers is projected to grow 21 percent from 2014 to 2024, much faster than the average for all occupations. As people become more aware of sports-related injuries at a young age, demand for athletic trainers is expected to increase." According to the Missouri Board of Healing Arts there

are 549 licensed athletic trainers in the state of Missouri. In contrast, there are 571 high school and 34 universities and colleges that support athletic teams. Athletic Trainers are employed in multiple settings (hospitals, clinics, industrial, surgery centers, etc.) outside of the traditional high school and college sports. These numbers are similar in surrounding states and across the United States. Missouri State University has a strong history demonstrating the ability of graduating athletic training students to obtain employment and/or acceptance into graduate level health care programs. Based on our history, we expect the rate of employment for students graduating from the Master of Athletic Training program will remain high with a significant percentage of the graduates obtaining positions within the state.

**b. Societal Demand (i.e., factors other than employment indicating need for degree)**

**Health Care Needs:** While there are many documented health benefits of increased physical activity, it is also well documented that those who participate in athletics or other physical activity are at a higher risk for sports-related injuries. Considering there are an estimated 2 million injuries among just high school athletes each year, it is fair to say there is no shortage of injuries requiring the attention of an athletic trainer. In addition to the need for athletic trainers to care for the physically active patient, there is also the need for athletic trainers to prevent injuries. Prevention is the first domain of the athletic training profession. Through proper prevention strategies, many injuries can be avoided, which will save individuals the pain and financial cost associated with injuries. As the baby boomers age and continue to remain active, the population in need of athletic training services continues to expand. Many of these baby boomers will remain active or become active in recreation activities, spas, resorts and other types of activities.

**Need for advanced educational opportunities:** With the rapid changes and advances being made in medicine, short half-life of knowledge, and requirement for evidence-based practice in health care, it is vital that students preparing to enter the health care field obtain education that is current and based on the latest evidence. The Master of Athletic Training program will provide students with this needed training. The coordination of patient care and delivery will become increasingly important as the settings in which care is provided become increasingly fragmented. Policy and structural changes in the health care system have also resulted in an increasing need for interprofessional collaboration. The Institute of Medicine (IOM) called on academic institutions to begin educating health professionals to work collaboratively in its report *Crossing the Quality Chasm: A New Health System for the 21st Century* (Washington: National Academy of Sciences, 2001). In 2011, the Interprofessional Education Collaborative (IPEC) proposed a redesign of workforce training to provide more opportunities for interdisciplinary training and more emphasis on teaching evidence-based practice. The proposed Master of Athletic Training program ensures that students will acquire the necessary IPEC competencies to perform interprofessional teamwork and gain the skills to ensure that their clinical practices are based in current evidence.

**Resources and Methodology used to determine demand**

A variety of resource and methods were utilized to determine the need for this degree transition.

- 1) NATA Career Center postings; <http://www.nata.org/career-education>
- 2) United States Department of Labor Statistics on expected job growth for athletic training; <http://www.bls.gov/ooh/>
- 3) Missouri Board of Healing Arts – AT licensure numbers; <http://pr.mo.gov/athletictrainers.asp>
- 4) Missouri State High School Athletic Association school numbers; <https://www.mshsaa.org/>

5) Institute of Medicine (IOM). 2001. Crossing the Quality Chasm. Crossing the Quality Chasm: A New Health System for the 21st Century. Washington, D.C: National Academy Press.

### COLLABORATION (FORM CL):

Does delivery of the program involve a collaborative effort with any external institution or organization?

The program will not collaborate with any other institutions of higher education on the Master of Athletic Training program, but will continue to collaborate with many local health care facilities for the clinical component of the program and Missouri State University programs for interprofessional opportunities and student and faculty support.

If yes, please complete the rest of this section. If no, state not applicable and go to Program Structure (Form PS). Not applicable

Sponsoring Institutions: N/A

Degree Program for Collaboration N/A

Length of agreement (open-ended or limited): [Click here to enter text.](#)

1. Which institution(s) will have degree-granting authority? N/A
2. Which institution(s) will have the authority for faculty hiring, course assignment, evaluation, and reappointment decisions? N/A
3. What agreements exist to ensure that faculty from all participating institutions will be involved in decisions about the curriculum, admissions standards, exit requirements? N/A
4. Which institution(s) will be responsible for academic and student-support services (e.g., registration, advising, library, academic assistance, financial aid, etc.)? N/A
5. What agreements exist to ensure that the academic calendars of the participating institutions have been aligned as needed? N/A
6. In addition to the information provided by each participating institution regarding Financial Projections (below), please address the following items:
  - a) How will tuition rates be determined if they differ among the institutions? N/A
  - b) Has a formal agreement been developed regarding cost-sharing policies? If yes, please include it as part of the proposal. If no, please summarize the current understanding between all parties and the plans for developing a formal agreement. N/A
  - c) What arrangements, if any, have been made for exchange of money between participating institutions? N/A
7. What commitments have been made by all participants to evaluate the program systematically? N/A
8. If one institution wishes to discontinue the program, what agreements exist for terminating the offering? N/A

### PROGRAM STRUCTURE (FORM PS):

1. Total credits required for graduation: 61
2. Residency requirements, if any: Given that the program is cohort based, students will complete all requirements at MSU.
3. General education: Total credits: Not applicable
4. **Degree** requirements (includes required, electives, thesis, capstone, internship): Total credits: 61

Core Courses (Required of all students)		
Total credits = <u>58</u>		
Course ID	Course Title	Credits
ATC 601	Foundations of Athletic Training	1
ATC 602	Orthopedic Review	2
ATC 604	Clinical Skills in AT	3
ATC 622	AT Practicum I	2
ATC 623	Patient Evaluation I	3
ATC 631	AT Integrated Lab I	1
ATC 633	Therapeutic Interventions I	3
ATC 640	Evidence-Based Practice	2
ATC 653	Patient Evaluation II	3
ATC 663	Therapeutic Interventions II	3
ATC 671	AT Integrated Lab II	1
ATC 682	AT Practicum II	2
ATC 711	Problem Based Practice	3
ATC 713	AT Practicum III	3
ATC 724	AT Practicum IV	4
ATC 732	Applied Research Methods in Health Care	3
ATC 734	Professional Development and Leadership	4
ATC 741	Therapeutic Interventions III	1
ATC 753	Pharmacology/General Medical Concepts	3
ATC 773	Athletic Training Seminar	3
ATC 784	AT Practicum V	4
ATC 791	AT Research Project	1
PSY 627	Advanced Psychological Statistical Methods	3

Elective Courses		
Total credits = <u>  0  </u>		
Course ID	Course Title	Credits
Thesis/Non-Thesis/Capstone/Internship		
Total credits = <u>  3  </u>		
Course ID	Course Title	Credits
ATC 797	Non-Thesis Project	3

5. Any unique features such as interdepartmental cooperation:

The program will utilize a statistics course (Psychology Department) already offered within the College of Health and Human Services.

The program will collaborate with other Missouri State University healthcare programs to develop various methods (simulation, case studies, journal club, grand rounds) to provide interprofessional education and promote interprofessional practice.

**Financial Projections (FORM FP):**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>
	2016- 2017 current	2017- 2018	2018- 2019	2019- 2020	2020- 2021
<b>1. Expenditures:</b>					
<b>A. One-time</b>					
New / renovated spaces	0	0	0	0	0
Equipment	0	0	1,000	500	0
Library	0	0	0	500	0
Consultants	0	0	0	0	0
Other – accreditation change fee	0	3,000	0	0	0
Additional per course/instructor estimate (BSAT teach-out phase only)	0		67,500	67,500	0
<b>Total for One-time Expenditures</b>	0	3,000	68,500	68,500	0
<b>B. Recurring:</b>					
Faculty/instructors – full time	347,195	354,139	361,222	368,446	375,814
Staff	26,199	26,723	27,257	27,802	28,358
Benefits – 36.5% used 2017-2018	129,194	139,014	141,795	144,630	147,523
Per course	30,250	32,250	32,250	34,000	22,000
Other instructor^	35,364	35,364	35,364	35,364	35,364
Equipment/Supplies	11,000	11,000	11,000	11,000	11,000
Library	500	500	500	500	500
Other: Prof dev/Travel	6,500	6,500	6,500	6,500	6,500
Other: Services	3,750	3,750	3,750	3,750	3,750
Other: Annual accreditation fee	3,000	3,250	4,500	5,000	5,000
<b>Total for Recurring Expenditures</b>	<b>592,952</b>	<b>612,490</b>	<b>624,138</b>	<b>636,992</b>	<b>635,809</b>
<b>TOTAL (A + B)</b>	592,952	615,490	692,638	705,492	635,809
<b>2. Revenues</b>					
*State Aid - CBHE	0	0	0	0	0
*State Aid - DESE	0	0	0	0	0
University Tuition	543,184	415,540	470,905	642,732	602,752
Course Fees	9,245	9,245	5,030	4,855	4,675
Program Fee	0	6,000	18,000	23,500	27,500
Institutional Fees	144,179	135,772	86,982	82,089	76,545
	696,608	566,557	580,917	753,176	711,472
<b>TOTAL REVENUES</b>	103,656	48,933	111,721	47,684	75,663

**One-Time Expenses.** A one-time expense of \$3,000 is required with the submission of a Letter of Intent to CAATE to initiate the substantive change process. Additionally, the program will require one-time expenditure for additional per course instructors or term instructor to assist with teaching during the teach out phase of the BSAT program and startup of the Master of Athletic Training program. The department estimates between \$30,000 and \$67,500 annually for a two-year period. The lower end of the range will cover per course instructors. However, per course instructors will only be an option if we are able to schedule courses (dependent of space availability) at times and days of the week that per course are available and pending that we can secure per course with expertise in the needed subject matter. The upper end of the range would provide salary and benefits for a term instructor for two years. This option would allow for more consistency than multiple per course instructors and more flexibility with course scheduling. However, this would also be pending the ability to identify and hire an individual that is willing to take a term position.

**Recurring Expenses.** All recurring expenses related to personnel are based on FY 17 salaries with a generic 2% raise factored in each year. Current faculty and staff salaries and benefits account for the majority of the recurring expenses. With this transition from the BSAT to the Master of Athletic Training degree, SMAT is not requesting any additional faculty lines. The SMAT operation budget already contains funding for the current faculty and staff. Area AT practitioners are hired as per course faculty to maintain appropriate student to faculty ratios in laboratory courses and to capitalize on their clinical expertise. At present, the SMAT department utilizes 4-6 per course instructors annually. We anticipate the need for per course instructors will decrease to 3-4 once the transition is completed. The other instructor (^) line is held by a retired, half-time instructor. The department is hopeful this individual will remain active in our programs for many years but when this individual elects to fully retire, the department will need to increase our per course numbers or hire an additional clinical instructor to fill the void. Additional recurring expenses include equipment/supplies, professional development cost, and services. The amounts for each were determined based on approximately a 2% increase from actual expenses during Fiscal Year 2016. Cost for equipment/supplies are currently covered partially by the department's operations budget and the remaining currently comes from course fees. With the transition the remaining portion will come from course fees (undergraduate courses) and the requested new program fee (graduate students). The majority of departmental professional development expenses are currently covered by funding in the SMAT operation budget – travel and other. A portion of these expenses are covered by funding provided by the Dean's office for each faculty. Service expenses are covered fully by the SMAT operation budget. A final recurring expense is the CAATE annual accreditation fee. This fee is currently being paid for accreditation of the BSAT program and will transition to the accreditation of the Master of Athletic Training program.

**Revenue.** Tuition and fee amounts have all been calculated using the 2016-2017 rates for tuition.



## **PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS (FORM PG):**

Institution Name: Missouri State University

Program Name: Master of Athletic Training

Date: 10-20-16

(Although all of the following guidelines may not be applicable to the proposed program, please carefully consider the elements in each area and respond as completely as possible in the format below. Quantification of performance goals should be included wherever possible.)

### **1. Student Preparation**

- a) Any special admissions procedures or student qualifications required for this program which exceed regular university admissions, standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.

Completed applications must be received by January 1st for admission for the following June. To be considered for admission to the Master of Athletic Training program, a prospective student must apply to the program via the Athletic Training Centralized Application Services (ATCAS). Applicants who are accepted into the Master of Athletic Training program will follow the Graduate College's procedures to activate their MSU student records. Full admission to the Master of Athletic Training program is selective and competitive; not all that apply will be admitted. Students who are not accepted into the program may apply for the next application deadline. Applicants with complete application materials for full admission will be reviewed by the Master of Athletic Training Program Selection Committee. A select number of applicants will be invited for a personal interview. Phone or Skype interviews will be permitted for students living a distance of more than 100 miles from Springfield, MO.

SELECTION FOR AN INTERVIEW AND FINAL ADMISSION DECISIONS WILL BE BASED ON THE FOLLOWING:

1. Submission of an application to ATCAS that must include a personal statement not to exceed three pages; documented evidence of a minimum of 50 hours of observation of athletic trainers in at least two different areas of practice; two letters of recommendation (one letter from an academic source and one from an athletic trainer that supervised the observation hours);
2. A cumulative grade point average (GPA) of no less than 3.00 on a 4.00 scale;
3. Submission of official Graduate Record Examination (GRE) scores taken within the last five years prior to application with a preferred minimum score of 153 in Verbal Reasoning, 150 in Quantitative Reasoning, and 3.5 in Analytical Writing;
4. International applicants whose native language is not English and do not have a U.S. degree are required to have a score on the TOEFL of 79 or higher (internet-based test) or an IELTS score of 6.0 or higher. The requirement for a TOEFL or IELTS score may be waived for applicants who meet one of the following: (i) are native English speakers or (ii) have completed a minimum of 60 semester credit hours from an accredited college or university in the United States.

5. Possession of a baccalaureate degree from an accredited college or university prior to matriculation. The undergraduate major may be in any field, but students must complete the following prerequisites – examples of Missouri State University courses listed below in parentheses - prior to entering the program in the summer:

- Care and Prevention or Introduction to Sports Medicine: 2-3 hrs. (ATC 220 or 222)
- English: 6 hrs. (ENG 110 and ENG 201, 221, 310 or 321)
- College Algebra or higher: 3 hrs. (MTH 135 or higher)
- Statistics: 3 hrs. (MTH 340, MTH 545, ECO 308, QBA 237, PSY 200, SOC 302 or BIO 550)
- Physics with lab: 3-4 hrs. (PHY 123)
- Introductory Chemistry with lab: 4-5 hrs. (CHM 160 and CHM 161)
- Introductory Psychology: 3 hrs. (PSY 121)
- General Biology/Biomedical Sciences with lab: 4-5 hrs. (BIO 121 or BMS 110 and 111)
- Human Anatomy with lab: 4 hrs. (BMS 307)\*\*
- Human Physiology with lab: 4 hrs. (BMS 308)\*\*\*\*

If students take a combined course, it must be taken across two semesters for a total of at least 8 credit hours to meet admission criteria; a single combined anatomy and physiology course WILL NOT be accepted.

- Medical Terminology: 1-3 hrs. (LLT 102)
- Exercise Physiology: 3-4 hrs. (BMS 567)
- Biomechanics/Kinesiology: 3-4 hrs. (BMS 450)
- Nutrition: 3 hrs. (BMS 240)
- Provide evidence of current Emergency Cardiac Care (ECC) certification at the Basic Life Support/Professional Rescuer level or beyond. (ATC)

ONCE ACCEPTED TO THE PROGRAM, ALL STUDENTS MUST:

1. Follow the Graduate College's procedures to activate their MSU student records.
2. Pay a non-refundable confirmation fee of \$500 to the Department of Sports Medicine and Athletic Training to reserve a seat in the incoming class. Upon matriculation into the Master of Athletic Training program, this fee will be applied to the summer session tuition.
3. Provide evidence of current physical examination including a PPD skin test or chest X-ray for tuberculosis. Evidence of appropriate follow up from an individual testing positive for TB must be provided. Matriculating students must also demonstrate evidence of good physical health and have up-to-date immunizations (MMR, tetanus, a complete Hepatitis B series, and any other vaccinations required by clinical sites).
4. Provide technical standard form that documents capacity for performance of the technical functions and tasks required of an athletic trainer.
5. Initiate and pay for any additional security checks and drug screening required by clinical agencies, professional memberships and licensure, as well as any other cost associated with their program of study. Students must submit drug screening test and a criminal record check and receive response that the applicant has not been convicted of any crime pursuant to Section

660.317 RSMO or other disqualifications that would prohibit licensure as an Athletic Trainer.

**\*Students who fail these checks or procedures will be subject to further review by the Master of Athletic Training Program Selection Committee. This may result in dismissal from the program.**

6. Provide proof of liability insurance – group rates will be available.

7. Adhere to the SMAT Honor Code and the National Athletic Trainers' Association's Code of Ethics; students will respect the rights and dignity of all individuals.

8. Enroll on a full-time basis and progress through the program with their class.

b) Characteristics of a specific population to be served, if applicable.

Students who wish to become an athletic trainer by completing a professional (entry-level) master level athletic training program.

## **2. Faculty Characteristics**

a) Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate.

Accreditation standards require the following:

1) A full-time program director (already in place). The program director must be certified, and in good standing with the Board of Certification (BOC), possess a current state AT credential and be in good standing with the state regulatory agency.

2) A clinical education coordinator (already in place). All faculty assigned and responsible for the instruction of athletic training knowledge, skills, and abilities in required coursework must be qualified through professional preparation and experienced in their respective academic areas as determined by the institution.

3) All full-time faculty must hold a minimum of a master's degree and the majority of the full-time faculty must hold a doctoral degree (already in place - 4 out of 5 full-time faculty members have earned doctoral degrees, remaining faculty member is pursuing doctoral degree). The faculty must have documented expertise in their area(s) of teaching responsibility and knowledge of the content delivery method. Faculty must be recognized by the institution as having instructional responsibilities and possess a current state credential and be in good standing with the state regulatory agency when teaching hands-on athletic training patient care techniques with an actual patient population. All athletic trainers who are identified as the primary instructor for athletic training courses must be certified and in good standing with the BOC and, where applicable, be credentialed by the state.

b) Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term "full time faculty" (and not FTE) in your descriptions here.

It is expected that 95% of the courses within the Master of Athletic Training program will be assigned to full-time faculty. In a situation where a particular credential or set of knowledge is required that a current full-time faculty member does not possess, health care practitioners

associated with our program (ATC, OT, PT, MD, DO, PA, etc.) will be utilized to teach, co-teach, or provide guest lectures on the content specific knowledge. Per course ATs may be used to maintain appropriate student to faculty ratios in laboratory courses.

- c) Expectations for professional activities, special student contact, teaching/learning innovation.

All faculty members will be involved with the athletic training profession at the local, district, and national level. This involvement includes attending professional development activities; attending and presenting at state, district, and national conferences; conducting and publishing research; providing athletic training at the local, district, national and international levels. Faculty members will have contact with students in the classroom, at clinical sites, through independent and group research projects, and through advisement/mentorship. Faculty members will be heavily involved in student recruitment efforts in conjunction with other faculty and staff on campus (the Office of Admissions, Graduate College, College of Health and Human Services, etc.), which may include the design of promotional materials, visiting career/college fairs at other institutions, hosting open houses, and participating in Missouri State University-sponsored fairs/showcases. Teaching/learning innovations will include traditional didactic methods, fieldwork/clinical education, clinical practice, case studies, simulation-based, hands-on learning, research project, individual- and group-based projects, as well as many other techniques the faculty and clinical supervisors elect to utilize. Missouri State University's Faculty Center for Teaching and Learning (FCTL) provides course development resources such as the Digital Professor Academy for those who wish to learn to use and incorporate the latest technology in creative teaching methods. Faculty will be encouraged to take advantage of these opportunities in order to create more innovative courses and delivery methods. The curriculum will provide interprofessional education opportunities to develop the knowledge and skills needed for successful collaborative practice.

### **3. Enrollment Projections**

- a) Student FTE majoring in program by the end of five years.

The program will have capacity for 20 full-time students per year. It is structured as a two-year cohort model so it is anticipated that the program would have 40 current students (20 per year) at the end of five years.

- b) Percent of full time and part time enrollment by the end of five years.

Due to the structure of the program, one hundred percent of students enrolled in the program will be full-time students.

### **4. Student and Program Outcomes**

- a) Number of graduates per annum at three and five years after implementation.

3 years: 15      5 years: 20

- b) Special skills specific to the program.

Students admitted into the Master of Athletic Training program will already hold a bachelor's degree from an accredited university, and will have completed the required pre-requisite courses. The Master of Athletic Training curriculum will focus on providing students with the necessary knowledge and skills to become practicing athletic trainers. Major areas of the curriculum include the domains of the athletic training professions: injury/illness prevention and wellness promotion; examination, assessment and diagnosis; immediate and emergency care; therapeutic intervention; healthcare administration and professional responsibility. The curriculum will provide opportunities to develop the knowledge and skills needed for successful collaborative practice through interprofessional education.

- c) Proportion of students who will achieve licensing, certification, or registration.

Students that successfully complete all aspects of the degree program will be eligible to take the Board of Certification (BOC) certification examination. Students who pass the national certification exam are also required to apply for a state license in most states. It is anticipated that at least 85% of program graduates will pass the national certification examination on the first attempt due to the selective admissions criteria, curricular design, and clinical experiences established for this program.

- d) Performance on national and/or local assessments, e.g., percent of students scoring above the 50th percentile on normed tests; percent of students achieving minimal cut-scores on criterion-referenced tests. Include expected results on assessments of general education and on exit assessments in a particular discipline as well as the name of any nationally recognized assessments used.

It is anticipated that at least 85% of program graduates will pass the national certification examination on the first attempt due to the selective admissions criteria, curricular design, and clinical experiences established for this program.

- e) Placement rates in related fields, in other fields, unemployed.

It is anticipated that at least 95% of graduates desiring employment will be employed in athletic training positions within three months of graduation; 100% of those seeking employment are expected to be employed within six months of graduation. A small number may not seek immediate employment due to life circumstances.

- f) Transfer rates, continuous study.

It is atypical for a student admitted into a professional level AT program to transfer as the programs are all traditionally set up in a cohort model.

## **5. Program Accreditation**

- a) Institutional plans for accreditation, if applicable, including accrediting agency and timeline. If there are no plans to seek specialized accreditation, please provide reasons.

The Master of Athletic Training program will be accredited by the Commission on Accreditation for Athletic Training Education (CAATE). Currently the BSAT program is a CAATE accredited program. Our next comprehensive review will occur in academic year 2022-2023; however, the proposed degree and associated transition will result in that review focusing on the Master of Athletic Training.

The following is from the CAATE website (<http://caate.net/substantive-documents/>) and outlines the procedure for a currently accredited professional program to transition degree levels and maintain accreditation.

*Professional Programs transitioning from a baccalaureate to a post-baccalaureate degree OR Post-Professional Programs from a post-baccalaureate to a doctoral degree who are in good standing with the CAATE and in mid-cycle for accreditation may apply for continuing accreditation through this Substantive Change Request for Change in Degree Document. Programs who are transitioning to the master's degree must have approval from their respective regional accreditor prior to submission of substantive change (mini self-study) materials. The Notification of Intent form must be uploaded to the substantive change tab via eAccreditation prior to your preferred intent deadline (see the dates below and check the available spots per cycle document on the CAATE website)*

*..... This substantive change application does not extend continuing accreditation past the original review date. Application for a substantive change does not guarantee the change will be accepted. After review of materials, the CAATE may deem that an on-site visit is necessary to ensure compliance with the Standards..... Programs are allowed some overlap with students of both degrees, however a "teach out" plan for students enrolled in the program being dissolved is required as part of the change in degree level request. Once a program's request for change in degree has been approved, the program will no longer be allowed to admit students at the previous degree level.*

Time line based on CAATE Degree Substantive Change Review Cycles and Procedures and Missouri State University's Curriculum Approval Process

August 2016 – April 2017	Gain approval for Master of Athletic Training Degree from all levels of Missouri State University Curriculum approval process
April 1, 2017	Submit Master of Athletic Training proposal to CBHE
June 1, 2017	Gain approval for Master of Athletic Training from CBHE
July 1, 2017	Submit Letter of Intent and fee to CAATE
December 1, 2017	Submit mini Self-study
June1, 2018	Admit first Master of Athletic Training cohort

## **6. Alumni and Employer Survey**

- a) Expected satisfaction rates for alumni, including timing and method of surveys.

All students will complete an exit interview at time of graduation. Alumni will be surveyed at 6 months and 2 years' post-graduation. It is expected that all alumni will describe themselves as being "satisfied" to "completely satisfied" with their experience and knowledge gained from the program. It is expected that these surveys will help identify some areas that need improvement and provide suggestions for improvement. Additionally, alumni that are willing and able will be asked to take part in an advisory board that will be utilized to provide feedback and assist with ensuring continuous monitoring and improvement of the program.

- b) Expected satisfaction rates for employers, including timing and method of surveys.

All employers will be asked to complete an online survey relating to the program alumni hire 6 months and 1.5 years after hiring. It is expected that all employers will indicate a rating of "satisfied" to "completely satisfied" with program alumni that they hire. It is expected that these surveys will help identify some areas that need improvement and provide suggestions for improvement. Additionally, employers that are willing and able will be asked to take part in an advisory board that will be utilized to provide feedback and assist with ensuring continuous monitoring and improvement of the program.

## **7. Institutional Characteristics**

- a) Characteristics demonstrating why your institution is particularly well-equipped to support the program.

Missouri State University is a public, comprehensive metropolitan system with a statewide mission in public affairs, whose purpose is to develop educated persons. The University's identity is distinguished by its public affairs mission, which entails a campus-wide commitment to foster expertise and responsibility in ethical leadership, cultural competence and community engagement. The current BSAT program has existed at Missouri State University in some format since 1979 with strong student outcomes (BOC pass rate and employment). The program has always aligned well with the University mission and goals. As the Master of Athletic Training program is a transition from the BSAT to the Master of Athletic Training, the same foundational behaviors of athletic training (specifically ethical practice, legal practice, teamed approach to practice and cultural competence) will remain in place. The three pillars of the public affairs mission of cultural competence, community engagement, and ethical leadership are incorporated throughout the Master of Athletic Training curriculum by design (and accreditation mandate in some cases) into coursework, clinical experiences, and research projects.

Missouri State University is in an ideal location to serve not only residents of Missouri but several surrounding states. This is especially true in light of the fact that no other public university in southern Missouri is offering a Professional Level Master's program in athletic training. Furthermore, the University has other accredited health programs that add to the quality of the program. With the Sports Medicine and Athletic Training Department being housed in the College of Health and Human Services there are a number of opportunities for collaboration

with the other accredited health programs as many faculty members within the College (and University) are open to collaborative and interprofessional research projects and/or serving on research committees. The College offers a variety of strong undergraduate programs along with 13 graduate degrees and eight graduate certificate programs in the health and human services. These programs have excellent reputations, maintain national accreditation from their disciplines when available, and produce graduates who achieve high first-time pass rates on national exams after program completion. Many CHHS programs have long-term established relationships with the healthcare institutions in the region, including rural communities, which will benefit the Master of Athletic Training program when seeking clinical placement sites for students.



# Athletic Training

## Graduate programs

### Master of Athletic Training

**Tona Hetzler**, Department Head  
Professional Building, room 160  
Phone: 417-836-8553  
[Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)

#### Program description

The Master of Athletic Training program is a professional degree designed to prepare students to become certified athletic trainers and function as health care providers within an evolving health care delivery system.

#### Admission requirements

Completed applications must be received by January 1st for admission for the following June. To be considered for admission to the Master of Athletic Training program, a prospective student must apply to the program via the Athletic Training Centralized Application Services (ATCAS). Applicants who are accepted into the Master of Athletic Training program will follow the Graduate College's procedures to activate their MSU student records. Full admission to the Master of Athletic Training program is selective and competitive; not all that apply will be admitted. Students who are not accepted into the Master of Athletic Training program may apply for the next application deadline. Applicants with complete application materials for full admission will be reviewed by the Master of Athletic Training Program Selection Committee. A select number of applicants will be invited for a personal interview. Phone or Skype interviews will be permitted for students living a distance of more than 100 miles from Springfield, MO.

#### **SELECTION FOR AN INTERVIEW AND FINAL ADMISSION DECISIONS WILL BE BASED ON THE FOLLOWING:**

1. Submission of an application to ATCAS that must include a personal statement not to exceed three pages; documented evidence of a minimum of 50 hours of observation of athletic trainers in at least two different areas of practice; two letters of recommendation (one letter from an academic source and one from an athletic trainer that supervised the observation hours);
2. A cumulative grade point average (GPA) of no less than 3.00 on a 4.00 scale;

3. Submission of official Graduate Record Examination (GRE) scores taken within the last five years prior to application with a preferred minimum score of 153 in Verbal Reasoning, 150 in Quantitative Reasoning, and 3.5 in Analytical Writing;
4. International applicants whose native language is not English and do not have a U.S. degree are required to have a score on the TOEFL of 79 or higher (internet-based test) or an IELTS score of 6.0 or higher. The requirement for a TOEFL or IELTS score may be waived for applicants who meet one of the following: (i) are native English speakers or (ii) have completed a minimum of 60 semester credit hours from an accredited college or university in the United States.
5. Possession of a baccalaureate degree from an accredited college or university prior to matriculation. The undergraduate major may be in any field, but students must complete the following prerequisites – examples of Missouri State University courses listed below in parentheses - prior to entering the program in the summer:

- Care and Prevention or Introduction to Sports Medicine: 2-3 hrs. (ATC 220 or 222)
- English: 6 hrs. (ENG 110 and ENG 201, 221, 310 or 321)
- College Algebra or higher: 3 hrs. (MTH 135 or higher)
- Statistics: 3 hrs. (MTH 340, MTH 545, ECO 308, QBA 237, PSY 200, SOC 302 or BIO 550)
- Physics with lab: 3-4 hrs. (PHY 123)
- Introductory Chemistry with lab: 4-5 hrs. (CHM 160 and CHM 161)
- Introductory Psychology: 3 hrs. (PSY 121)
- General Biology/Biomedical Sciences with lab: 4-5 hrs. (BIO 121 or BMS 110 and 111)
- Human Anatomy with lab: 4 hrs. (BMS 307)\*\*
- Human Physiology with lab: 4 hrs. (BMS 308)\*\*

*\*\*If students take a combined course, it must be taken across two semesters for a total of at least 8 credit hours to meet admission criteria; a single combined anatomy and physiology course WILL NOT be accepted.*

- Medical Terminology: 1-3 hrs. (LLT 102)
- Exercise Physiology: 3-4 hrs. (BMS 567)
- Biomechanics/Kinesiology: 3-4 hrs. (BMS 450)
- Nutrition: 3 hrs. (BMS 240)
- Provide evidence of current Emergency Cardiac Care (ECC) certification at the Basic Life Support/Professional Rescuer level or beyond.

ONCE ACCEPTED TO THE PROGRAM, ALL STUDENTS MUST:

1. Follow the Graduate College's procedures to activate their MSU student records.
2. Pay a non-refundable confirmation fee of \$500 to the Department of Sports Medicine and Athletic Training to reserve a seat in the incoming class. Upon matriculation into the Master or Athletic Training program, this fee will be applied to the summer session tuition.
3. Provide evidence of current physical examination including a PPD skin test or chest X-ray for tuberculosis. Evidence of appropriate follow up from an individual testing positive for TB must

be provided. Matriculating students must also demonstrate evidence of good physical health and have up-to-date immunizations (MMR, tetanus, a complete Hepatitis B series, and any other vaccinations required by clinical sites).

4. Provide signed technical standard form that documents capacity for performance of the technical functions and tasks required of an athletic trainer.

5. Initiate and pay for any additional security checks and drug screening required by clinical agencies, professional memberships and licensure, as well as any other cost associated with their program of study. Students must submit drug screening test and a criminal record check and receive response that the applicant has not been convicted of any crime pursuant to Section 660.317 RSMO or other disqualifications that would prohibit licensure as an Athletic Trainer.

**\*Students who fail these checks or procedures will be subject to further review by the Master of Athletic Training Program Selection Committee. This may result in dismissal from the program.**

6. Provide proof of liability insurance – group rates will be available.

7. Adhere to the SMAT Code of Honor and the National Athletic Trainers' Associations Code of Ethics; students will respect the rights and dignity of all individuals.

8. Enroll on a full-time basis and progress through the program with their class.

### **Probationary Admission to the Program**

Probationary admission may be granted to an applicant that does not meet one or more of the above program admission requirements.

1. During the probationary period, the student must work with their advisor and the program director to complete the missing requirement(s) by the end of the first summer session.

### **Progression and Retention Requirements**

After admission into the Master of Athletic Training program, a student must achieve the following for progression in the program:

1. Remain in compliance with all Master of Athletic Training, CHHS and Graduate College policies.
2. Receive no more than 9 semester hours of graduate work below a grade of "B-", no course with a grade "C-" or below may be applied towards the Master of Athletic Training. Furthermore, a graduate student becomes ineligible for graduate study if more than 9 semester hours of "C+" or lower are earned in graduate courses taken in the degree program.
3. Demonstrate acceptable levels of maturity and integrity, as well as behaviors and attitudes normally expected of health care professionals.

4. Demonstrate acceptable professional progression in application of skills and knowledge during didactic and clinical experiences.
5. Maintain current NATA, MAATA, and MoATA membership.
6. Maintain current liability insurance
7. Maintain current Emergency Cardiac Care (ECC) certification at the Basic Life Support/Professional Rescuer level or beyond.

Students who fail to meet the retention criteria may:

1. Be placed on academic or clinical probation in the Master of Athletic Training program, or
2. Be dismissed from the program, based on the judgment of the majority of the Sports Medicine and Athletic Training department graduate faculty.

Students on clinical probation must receive a rating of "satisfactory" or higher on all remaining AT clinical evaluations. Students who fail to meet the probationary criteria or are dismissed from the program are not eligible for readmission into the Master of Athletic Training program. Students have the right to follow the University's appeal process on any disciplinary sanction received.

Students should refer to the Missouri State University Sports Medicine and Athletic Training *Handbook for Professional Athletic Training Students* for additional policies and procedures of the Sports Medicine and Athletic Training Department.

### **Degree requirements (minimum of 61 hours)**

1. **Academic Advisor.** Graduate students are assigned an advisor at the time of admission. If desired, the student may select a different advisor once fully matriculated into the program. This occurs most often when a research topic is chosen and it is appropriate for a different faculty member to direct that project. The role of the graduate advisor is to:
  - Assist the student in the selection of course work for his/her graduate program;
  - Advise and assist the student in completion of all Missouri State University and departmental requirements for degree.

It is extremely important that students have early contact with their advisor and gain advisor approval before registering for classes. The advisor is a key person in helping individuals plan their graduate program, ensuring that classes fit the program, planning an appropriate class sequence, and providing other input that ensures a student is successful in their graduate program. All degree-seeking students must have the advisor complete an electronic release prior to registering.

#### **1. Core Courses (61 hours)**

<b>Course Code</b>	<b>Course Title</b>	<b>Credit Hours</b>
ATC 601	Foundations of Athletic Training	1 hr
ATC 602	Orthopedic Review	2 hrs

Course Code	Course Title	Credit Hours
ATC 604	Clinical Skills in AT	3 hrs
ATC 622	AT Practicum I	2 hr
ATC 623	Patient Evaluation I	3 hrs
ATC 631	AT Integrated Lab I	1 hr
ATC 633	Therapeutic Interventions I	3 hrs
ATC 640	Evidence-Based Practice	2 hrs
ATC 653	Patient Evaluation II	3 hrs
ATC 663	Therapeutic Interventions II	3 hrs
ATC 671	AT Integrated Lab II	1 hr
ATC 682	AT Practicum II	2 hrs
ATC 711	Problem Based Practice (1 hr each)	3 hrs
ATC 713	AT Practicum III	3 hrs
ATC 724	AT Practicum IV	4 hrs
ATC 732	Applied Research Methods in Health Care	3 hrs
ATC 734	Prof Dev and Leadership	4 hrs
ATC 741	Therapeutic Interventions III	1 hr
ATC 753	Pharmacology/General Medical Concepts	3 hrs
ATC 773	Athletic Training Seminar	3 hrs
ATC 784	AT Practicum V	4 hrs
ATC 791	AT Research Project	1 hr
ATC 797	Non-thesis Project	3 hrs
PSY 627	Advanced Psychological Statistical Methods	3 hrs

2. **Research Requirement.** Completion of a non-thesis project approved by the non-thesis committee.

*Non-thesis Project.* Three (3) credit hours in [ATC 797](#) Non-Thesis Project will count toward a degree. IRB proposal, data collection, formal presentation, and related manuscript must be approved by the student's Advisory Committee before the degree is granted.

3. **Comprehensive Examination.** A comprehensive examination administered during the student's final year of course work must be passed by the candidate before a degree will be granted.

The Master of Athletic Training Program faculty will retain the right to consider mitigating circumstances relative to all program requirements (admissions, retention, course prerequisites,

etc.) and may alter one or more of these requirements for admission and program progression. Should a student's academic sequence be interrupted for any reason, that individual must meet with the Master of Athletic Training Program faculty to determine the course of action. This decision will be on an individual basis, taking the situation and circumstances into consideration.

# Athletic Training

## Graduate programs

### Master of Athletic Training

**Tona Hetzler**, Department Head  
Professional Building, room 160  
Phone: 417-836-8553  
[Tonahetzler@missouristate.edu](mailto:Tonahetzler@missouristate.edu)

#### Program description

The Master of Athletic Training program is a professional degree designed to prepare students to become certified athletic trainers and function as health care providers within an evolving health care delivery system.

#### Admission requirements

Completed applications must be received by January 1st for admission for the following June. To be considered for admission to the Master of Athletic Training program, a prospective student must apply to the program via the Athletic Training Centralized Application Services (ATCAS). Applicants who are accepted into the Master of Athletic Training program will follow the Graduate College's procedures to activate their MSU student records. Full admission to the Master of Athletic Training program is selective and competitive; not all that apply will be admitted. Students who are not accepted into the Master of Athletic Training program may apply for the next application deadline. Applicants with complete application materials for full admission will be reviewed by the Master of Athletic Training Program Selection Committee. A select number of applicants will be invited for a personal interview. Phone or Skype interviews will be permitted for students living a distance of more than 100 miles from Springfield, MO.

#### **SELECTION FOR AN INTERVIEW AND FINAL ADMISSION DECISIONS WILL BE BASED ON THE FOLLOWING:**

1. Submission of an application to ATCAS that must include a personal statement not to exceed three pages; documented evidence of a minimum of 50 hours of observation of athletic trainers in at least two different areas of practice; two letters of recommendation (one letter from an academic source and one from an athletic trainer that supervised the observation hours);
2. A cumulative grade point average (GPA) of no less than 3.00 on a 4.00 scale;

3. Submission of official Graduate Record Examination (GRE) scores taken within the last five years prior to application with a preferred minimum score of 153 in Verbal Reasoning, 150 in Quantitative Reasoning, and 3.5 in Analytical Writing;
4. International applicants whose native language is not English and do not have a U.S. degree are required to have a score on the TOEFL of 79 or higher (internet-based test) or an IELTS score of 6.0 or higher. The requirement for a TOEFL or IELTS score may be waived for applicants who meet one of the following: (i) are native English speakers or (ii) have completed a minimum of 60 semester credit hours from an accredited college or university in the United States.
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1. Submitted by: Missouri State University
2. Program Title: Master of Athletic Training
3. Degree/Certificate: Master of Athletic Training
4. Options: None
5. Delivery Site(s): Missouri State University, Springfield, MO
6. CIP Classification: Athletic Training 51.0913
7. Implementation Date: Summer 2018
8. Cooperative Partners: None

#### AUTHORIZATION

Dr. Frank Einhellig, Provost		
Name/title of Institutional Officer	Signature	Date
Dr. Julie Masterson, Associate Provost	417-836-5335	
Person to Contact for More Information	Telephone Number	

### STUDENT ENROLLMENT PROJECTIONS (Form SE:)

	1	2	3	4	5
Full Time	12	24	27	35	40
Part Time	0	0	0	0	0
Total	12	24	27	35	40

1. Please provide a rationale regarding how student enrollment projections were calculated

Enrollment projections are based on 1) the level of interest expressed by current Missouri State University students and prospective high school and transfer students, 2) review of the 2013-2014 and 2014-2015 CAATE Analytic Report, 3) history of degrees granted and cohorts admitted in the MSU Bachelor of Science Athletic Training (BSAT) program, and 4) the capacity (accreditation standards, clinical experiences, and number of faculty) of the program. In the first year of the Master of Athletic Training program the cohort will be limited to 12 students as the BSAT is being phased out. Each year for the first three years, the admitted cohort will increase. Once the teach out of the BSAT is complete, the Master of Athletic Training program will admit a cohort of 20 students each year.

- 1) *Level of interest of current MSU students and prospective high school students and transfer students*

Based on departmental records, over the past two years (2014 and 2015), 259 interest forms were received from prospective students. This is an optional online form that is available for students to complete. Between June 2015 and October 2016, 156 students (56 transfer students) have visited the department that were interested in the program.

- 2) *CAATE Analytic Reports 2013-2014 and 2014-2015*

Academic Year	Student Enrollment (Mean)	
	All Professional Programs (BS and MS)	Master's Degree Programs
2013-2014 (368 academic programs)	36.1	26.3
2014-2015 (375 academic programs)	37.2	27.7

Note: This is total program enrollment, not by cohort.

- 3A) *Number of Athletic Training BSAT Degrees Granted at Missouri State University*

Year	2011	2012	2013	2014	2015	5 year average
# of BSAT Granted	8	13	19	15	19	14.8

### 3B) Current Missouri State University BSAT Cohort Sizes

Year Admitted	2013	2014	2015	2016
Cohort Size	22	26	19	19

2. Provide a rationale for proposing this program, including **evidence of market demand and societal need supported by research** (i.e., please cite sources for evidence used).

#### **Rationale for the program**

Missouri State University's College of Health and Human Services (CHHS) has a strong history in educating and producing quality undergraduate and graduate health care providers in a variety of disciplines. Utilizing our strengths and experiences Missouri State University is seeking approval to transition the Bachelor of Science in Athletic Training (BSAT) to a professional level Master of Athletic Training degree.

In June 2015, the Commission on Accreditation of Athletic Training education (CAATE) announced that a professional master's degree would be the minimal degree requirement for certification as an athletic trainer. Missouri State University would be the only public institution in southern Missouri offering the Master of Athletic Training program. Currently, one private university (St. Louis University) offers the professional AT degree at the Masters level. One public university in northwest Missouri (Truman University) and one private school in southern Missouri (Evangel) are in the process of transitioning to the Master's degree. In addition to meeting the mandated accreditation degree transition, the proposed Master of Athletic Training program aligns with Missouri State University's mission and strategic initiatives (e.g., Embrace dynamic adaptation as the norm at Missouri State to meet the pace of change, including theoretical, pedagogical and technological advances; The university embraces curricular transformation as an approach to ensure that its undergraduate and graduate students have knowledge and competencies related to diversity and inclusion; Develop new or modify existing degree programs to better attract international students; Maintain strategic growth in enrollment while increasing retention and graduation rates) has the support of the sports medicine community, and provides graduate trained health care professionals for the state of Missouri.

#### **a. Market Demand:**

As of 2022, the professional level masters of athletic training will be the only entry point into the Athletic Training Profession. On average, there are 300 new jobs posted monthly on the National Athletic Trainers' Association career center. These postings represent the continuous demand for athletic trainers and the ongoing employment opportunities in the profession. According to the U.S. Bureau of Labor Statistics Occupational Outlook Handbook, "employment of athletic trainers is projected to grow 21 percent from 2014 to 2024, much faster than the average for all occupations. As people become more aware of sports-related injuries at a young age, demand for athletic trainers is expected to increase." According to the Missouri Board of Healing Arts there

are 549 licensed athletic trainers in the state of Missouri. In contrast, there are 571 high school and 34 universities and colleges that support athletic teams. Athletic Trainers are employed in multiple settings (hospitals, clinics, industrial, surgery centers, etc.) outside of the traditional high school and college sports. These numbers are similar in surrounding states and across the United States. Missouri State University has a strong history demonstrating the ability of graduating athletic training students to obtain employment and/or acceptance into graduate level health care programs. Based on our history, we expect the rate of employment for students graduating from the Master of Athletic Training program will remain high with a significant percentage of the graduates obtaining positions within the state.

**b. Societal Demand (i.e., factors other than employment indicating need for degree)**

**Health Care Needs:** While there are many documented health benefits of increased physical activity, it is also well documented that those who participate in athletics or other physical activity are at a higher risk for sports-related injuries. Considering there are an estimated 2 million injuries among just high school athletes each year, it is fair to say there is no shortage of injuries requiring the attention of an athletic trainer. In addition to the need for athletic trainers to care for the physically active patient, there is also the need for athletic trainers to prevent injuries. Prevention is the first domain of the athletic training profession. Through proper prevention strategies, many injuries can be avoided, which will save individuals the pain and financial cost associated with injuries. As the baby boomers age and continue to remain active, the population in need of athletic training services continues to expand. Many of these baby boomers will remain active or become active in recreation activities, spas, resorts and other types of activities.

**Need for advanced educational opportunities:** With the rapid changes and advances being made in medicine, short half-life of knowledge, and requirement for evidence-based practice in health care, it is vital that students preparing to enter the health care field obtain education that is current and based on the latest evidence. The Master of Athletic Training program will provide students with this needed training. The coordination of patient care and delivery will become increasingly important as the settings in which care is provided become increasingly fragmented. Policy and structural changes in the health care system have also resulted in an increasing need for interprofessional collaboration. The Institute of Medicine (IOM) called on academic institutions to begin educating health professionals to work collaboratively in its report *Crossing the Quality Chasm: A New Health System for the 21st Century* (Washington: National Academy of Sciences, 2001). In 2011, the Interprofessional Education Collaborative (IPEC) proposed a redesign of workforce training to provide more opportunities for interdisciplinary training and more emphasis on teaching evidence-based practice. The proposed Master of Athletic Training program ensures that students will acquire the necessary IPEC competencies to perform interprofessional teamwork and gain the skills to ensure that their clinical practices are based in current evidence.

**Resources and Methodology used to determine demand**

A variety of resource and methods were utilized to determine the need for this degree transition.

- 1) NATA Career Center postings; <http://www.nata.org/career-education>
- 2) United States Department of Labor Statistics on expected job growth for athletic training; <http://www.bls.gov/ooh/>
- 3) Missouri Board of Healing Arts – AT licensure numbers; <http://pr.mo.gov/athletictrainers.asp>
- 4) Missouri State High School Athletic Association school numbers; <https://www.mshsaa.org/>



5) Institute of Medicine (IOM). 2001. Crossing the Quality Chasm. Crossing the Quality Chasm: A New Health System for the 21st Century. Washington, D.C: National Academy Press.

### COLLABORATION (FORM CL):

Does delivery of the program involve a collaborative effort with any external institution or organization?

The program will not collaborate with any other institutions of higher education on the Master of Athletic Training program, but will continue to collaborate with many local health care facilities for the clinical component of the program and Missouri State University programs for interprofessional opportunities and student and faculty support.

If yes, please complete the rest of this section. If no, state not applicable and go to Program Structure (Form PS). Not applicable

Sponsoring Institutions: N/A

Degree Program for Collaboration N/A

Length of agreement (open-ended or limited): [Click here to enter text.](#)

1. Which institution(s) will have degree-granting authority? N/A
2. Which institution(s) will have the authority for faculty hiring, course assignment, evaluation, and reappointment decisions? N/A
3. What agreements exist to ensure that faculty from all participating institutions will be involved in decisions about the curriculum, admissions standards, exit requirements? N/A
4. Which institution(s) will be responsible for academic and student-support services (e.g., registration, advising, library, academic assistance, financial aid, etc.)? N/A
5. What agreements exist to ensure that the academic calendars of the participating institutions have been aligned as needed? N/A
6. In addition to the information provided by each participating institution regarding Financial Projections (below), please address the following items:
  - a) How will tuition rates be determined if they differ among the institutions? N/A
  - b) Has a formal agreement been developed regarding cost-sharing policies? If yes, please include it as part of the proposal. If no, please summarize the current understanding between all parties and the plans for developing a formal agreement. N/A
  - c) What arrangements, if any, have been made for exchange of money between participating institutions? N/A
7. What commitments have been made by all participants to evaluate the program systematically? N/A
8. If one institution wishes to discontinue the program, what agreements exist for terminating the offering? N/A

### PROGRAM STRUCTURE (FORM PS):

1. Total credits required for graduation: 61
2. Residency requirements, if any: Given that the program is cohort based, students will complete all requirements at MSU.
3. General education: Total credits: Not applicable
4. Degree requirements (includes required, electives, thesis, capstone, internship): Total credits: 61

Core Courses (Required of all students)		
Total credits = <u>58</u>		
Course ID	Course Title	Credits
ATC 601	Foundations of Athletic Training	1
ATC 602	Orthopedic Review	2
ATC 604	Clinical Skills in AT	3
ATC 622	AT Practicum I	2
ATC 623	Patient Evaluation I	3
ATC 631	AT Integrated Lab I	1
ATC 633	Therapeutic Interventions I	3
ATC 640	Evidence-Based Practice	2
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ATC 671	AT Integrated Lab II	1
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ATC 773	Athletic Training Seminar	3
ATC 784	AT Practicum V	4
ATC 791	AT Research Project	1
PSY 627	Advanced Psychological Statistical Methods	3

Elective Courses		
Total credits = <u>  0  </u>		
Course ID	Course Title	Credits
Thesis/Non-Thesis/Capstone/Internship		
Total credits = <u>  3  </u>		
Course ID	Course Title	Credits
ATC 797	Non-Thesis Project	3

5. Any unique features such as interdepartmental cooperation:

The program will utilize a statistics course (Psychology Department) already offered within the College of Health and Human Services.

The program will collaborate with other Missouri State University healthcare programs to develop various methods (simulation, case studies, journal club, grand rounds) to provide interprofessional education and promote interprofessional practice.

**Financial Projections (FORM FP):**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Year 4</b>	<b>Year 5</b>
	2016- 2017 current	2017- 2018	2018- 2019	2019- 2020	2020- 2021
<b>1. Expenditures:</b>					
<b>A. One-time</b>					
New / renovated spaces	0	0	0	0	0
Equipment	0	0	1,000	500	0
Library	0	0	0	500	0
Consultants	0	0	0	0	0
Other – accreditation change fee	0	3,000	0	0	0
Additional per course/instructor estimate (BSAT teach-out phase only)	0		67,500	67,500	0
<b>Total for One-time Expenditures</b>	0	3,000	68,500	68,500	0
<b>B. Recurring:</b>					
Faculty/instructors – full time	347,195	354,139	361,222	368,446	375,814
Staff	26,199	26,723	27,257	27,802	28,358
Benefits – 36.5% used 2017-2018	129,194	139,014	141,795	144,630	147,523
Per course	30,250	32,250	32,250	34,000	22,000
Other instructor^	35,364	35,364	35,364	35,364	35,364
Equipment/Supplies	11,000	11,000	11,000	11,000	11,000
Library	500	500	500	500	500
Other: Prof dev/Travel	6,500	6,500	6,500	6,500	6,500
Other: Services	3,750	3,750	3,750	3,750	3,750
Other: Annual accreditation fee	3,000	3,250	4,500	5,000	5,000
<b>Total for Recurring Expenditures</b>	<b>592,952</b>	<b>612,490</b>	<b>624,138</b>	<b>636,992</b>	<b>635,809</b>
<b>TOTAL (A + B)</b>	592,952	615,490	692,638	705,492	635,809
<b>2. Revenues</b>					
*State Aid - CBHE	0	0	0	0	0
*State Aid - DESE	0	0	0	0	0
University Tuition	543,184	415,540	470,905	642,732	602,752
Course Fees	9,245	9,245	5,030	4,855	4,675
Program Fee	0	6,000	18,000	23,500	27,500
Institutional Fees	144,179	135,772	86,982	82,089	76,545
	696,608	566,557	580,917	753,176	711,472
<b>TOTAL REVENUES</b>	103,656	48,933	111,721	47,684	75,663

**One-Time Expenses.** A one-time expense of \$3,000 is required with the submission of a Letter of Intent to CAATE to initiate the substantive change process. Additionally, the program will require one-time expenditure for additional per course instructors or term instructor to assist with teaching during the teach out phase of the BSAT program and startup of the Master of Athletic Training program. The department estimates between \$30,000 and \$67,500 annually for a two-year period. The lower end of the range will cover per course instructors. However, per course instructors will only be an option if we are able to schedule courses (dependent of space availability) at times and days of the week that per course are available and pending that we can secure per course with expertise in the needed subject matter. The upper end of the range would provide salary and benefits for a term instructor for two years. This option would allow for more consistency than multiple per course instructors and more flexibility with course scheduling. However, this would also be pending the ability to identify and hire an individual that is willing to take a term position.

**Recurring Expenses.** All recurring expenses related to personnel are based on FY 17 salaries with a generic 2% raise factored in each year. Current faculty and staff salaries and benefits account for the majority of the recurring expenses. With this transition from the BSAT to the Master of Athletic Training degree, SMAT is not requesting any additional faculty lines. The SMAT operation budget already contains funding for the current faculty and staff. Area AT practitioners are hired as per course faculty to maintain appropriate student to faculty ratios in laboratory courses and to capitalize on their clinical expertise. At present, the SMAT department utilizes 4-6 per course instructors annually. We anticipate the need for per course instructors will decrease to 3-4 once the transition is completed. The other instructor (^) line is held by a retired, half-time instructor. The department is hopeful this individual will remain active in our programs for many years but when this individual elects to fully retire, the department will need to increase our per course numbers or hire an additional clinical instructor to fill the void. Additional recurring expenses include equipment/supplies, professional development cost, and services. The amounts for each were determined based on approximately a 2% increase from actual expenses during Fiscal Year 2016. Cost for equipment/supplies are currently covered partially by the department's operations budget and the remaining currently comes from course fees. With the transition the remaining portion will come from course fees (undergraduate courses) and the requested new program fee (graduate students). The majority of departmental professional development expenses are currently covered by funding in the SMAT operation budget – travel and other. A portion of these expenses are covered by funding provided by the Dean's office for each faculty. Service expenses are covered fully by the SMAT operation budget. A final recurring expense is the CAATE annual accreditation fee. This fee is currently being paid for accreditation of the BSAT program and will transition to the accreditation of the Master of Athletic Training program.

**Revenue.** Tuition and fee amounts have all been calculated using the 2016-2017 rates for tuition.

## **PROGRAM CHARACTERISTICS AND PERFORMANCE GOALS (FORM PG):**

Institution Name: Missouri State University

Program Name: Master of Athletic Training

Date: 10-20-16

(Although all of the following guidelines may not be applicable to the proposed program, please carefully consider the elements in each area and respond as completely as possible in the format below. Quantification of performance goals should be included wherever possible.)

### **1. Student Preparation**

- a) Any special admissions procedures or student qualifications required for this program which exceed regular university admissions, standards, e.g., ACT score, completion of core curriculum, portfolio, personal interview, etc. Please note if no special preparation will be required.

Completed applications must be received by January 1st for admission for the following June. To be considered for admission to the Master of Athletic Training program, a prospective student must apply to the program via the Athletic Training Centralized Application Services (ATCAS). Applicants who are accepted into the Master of Athletic Training program will follow the Graduate College's procedures to activate their MSU student records. Full admission to the Master of Athletic Training program is selective and competitive; not all that apply will be admitted. Students who are not accepted into the program may apply for the next application deadline. Applicants with complete application materials for full admission will be reviewed by the Master of Athletic Training Program Selection Committee. A select number of applicants will be invited for a personal interview. Phone or Skype interviews will be permitted for students living a distance of more than 100 miles from Springfield, MO.

SELECTION FOR AN INTERVIEW AND FINAL ADMISSION DECISIONS WILL BE BASED ON THE FOLLOWING:

1. Submission of an application to ATCAS that must include a personal statement not to exceed three pages; documented evidence of a minimum of 50 hours of observation of athletic trainers in at least two different areas of practice; two letters of recommendation (one letter from an academic source and one from an athletic trainer that supervised the observation hours);
2. A cumulative grade point average (GPA) of no less than 3.00 on a 4.00 scale;
3. Submission of official Graduate Record Examination (GRE) scores taken within the last five years prior to application with a preferred minimum score of 153 in Verbal Reasoning, 150 in Quantitative Reasoning, and 3.5 in Analytical Writing;
4. International applicants whose native language is not English and do not have a U.S. degree are required to have a score on the TOEFL of 79 or higher (internet-based test) or an IELTS score of 6.0 or higher. The requirement for a TOEFL or IELTS score may be waived for applicants who meet one of the following: (i) are native English speakers or (ii) have completed a minimum of 60 semester credit hours from an accredited college or university in the United States.

5. Possession of a baccalaureate degree from an accredited college or university prior to matriculation. The undergraduate major may be in any field, but students must complete the following prerequisites – examples of Missouri State University courses listed below in parentheses - prior to entering the program in the summer:

- Care and Prevention or Introduction to Sports Medicine: 2-3 hrs. (ATC 220 or 222)
- English: 6 hrs. (ENG 110 and ENG 201, 221, 310 or 321)
- College Algebra or higher: 3 hrs. (MTH 135 or higher)
- Statistics: 3 hrs. (MTH 340, MTH 545, ECO 308, QBA 237, PSY 200, SOC 302 or BIO 550)
- Physics with lab: 3-4 hrs. (PHY 123)
- Introductory Chemistry with lab: 4-5 hrs. (CHM 160 and CHM 161)
- Introductory Psychology: 3 hrs. (PSY 121)
- General Biology/Biomedical Sciences with lab: 4-5 hrs. (BIO 121 or BMS 110 and 111)
- Human Anatomy with lab: 4 hrs. (BMS 307)\*\*
- Human Physiology with lab: 4 hrs. (BMS 308)\*\*\*\*

If students take a combined course, it must be taken across two semesters for a total of at least 8 credit hours to meet admission criteria; a single combined anatomy and physiology course WILL NOT be accepted.

- Medical Terminology: 1-3 hrs. (LLT 102)
- Exercise Physiology: 3-4 hrs. (BMS 567)
- Biomechanics/Kinesiology: 3-4 hrs. (BMS 450)
- Nutrition: 3 hrs. (BMS 240)
- Provide evidence of current Emergency Cardiac Care (ECC) certification at the Basic Life Support/Professional Rescuer level or beyond. (ATC)

ONCE ACCEPTED TO THE PROGRAM, ALL STUDENTS MUST:

1. Follow the Graduate College's procedures to activate their MSU student records.
2. Pay a non-refundable confirmation fee of \$500 to the Department of Sports Medicine and Athletic Training to reserve a seat in the incoming class. Upon matriculation into the Master of Athletic Training program, this fee will be applied to the summer session tuition.
3. Provide evidence of current physical examination including a PPD skin test or chest X-ray for tuberculosis. Evidence of appropriate follow up from an individual testing positive for TB must be provided. Matriculating students must also demonstrate evidence of good physical health and have up-to-date immunizations (MMR, tetanus, a complete Hepatitis B series, and any other vaccinations required by clinical sites).
4. Provide technical standard form that documents capacity for performance of the technical functions and tasks required of an athletic trainer.
5. Initiate and pay for any additional security checks and drug screening required by clinical agencies, professional memberships and licensure, as well as any other cost associated with their program of study. Students must submit drug screening test and a criminal record check and receive response that the applicant has not been convicted of any crime pursuant to Section



660.317 RSMO or other disqualifications that would prohibit licensure as an Athletic Trainer.

**\*Students who fail these checks or procedures will be subject to further review by the Master of Athletic Training Program Selection Committee. This may result in dismissal from the program.**

6. Provide proof of liability insurance – group rates will be available.

7. Adhere to the SMAT Honor Code and the National Athletic Trainers' Association's Code of Ethics; students will respect the rights and dignity of all individuals.

8. Enroll on a full-time basis and progress through the program with their class.

b) Characteristics of a specific population to be served, if applicable.

Students who wish to become an athletic trainer by completing a professional (entry-level) master level athletic training program.

## **2. Faculty Characteristics**

a) Any special requirements (degree status, training, etc.) for assignment of teaching for this degree/certificate.

Accreditation standards require the following:

1) A full-time program director (already in place). The program director must be certified, and in good standing with the Board of Certification (BOC), possess a current state AT credential and be in good standing with the state regulatory agency.

2) A clinical education coordinator (already in place). All faculty assigned and responsible for the instruction of athletic training knowledge, skills, and abilities in required coursework must be qualified through professional preparation and experienced in their respective academic areas as determined by the institution.

3) All full-time faculty must hold a minimum of a master's degree and the majority of the full-time faculty must hold a doctoral degree (already in place - 4 out of 5 full-time faculty members have earned doctoral degrees, remaining faculty member is pursuing doctoral degree). The faculty must have documented expertise in their area(s) of teaching responsibility and knowledge of the content delivery method. Faculty must be recognized by the institution as having instructional responsibilities and possess a current state credential and be in good standing with the state regulatory agency when teaching hands-on athletic training patient care techniques with an actual patient population. All athletic trainers who are identified as the primary instructor for athletic training courses must be certified and in good standing with the BOC and, where applicable, be credentialed by the state.

b) Estimated percentage of credit hours that will be assigned to full time faculty. Please use the term "full time faculty" (and not FTE) in your descriptions here.

It is expected that 95% of the courses within the Master of Athletic Training program will be assigned to full-time faculty. In a situation where a particular credential or set of knowledge is required that a current full-time faculty member does not possess, health care practitioners

associated with our program (ATC, OT, PT, MD, DO, PA, etc.) will be utilized to teach, co-teach, or provide guest lectures on the content specific knowledge. Per course ATs may be used to maintain appropriate student to faculty ratios in laboratory courses.

- c) Expectations for professional activities, special student contact, teaching/learning innovation.

All faculty members will be involved with the athletic training profession at the local, district, and national level. This involvement includes attending professional development activities; attending and presenting at state, district, and national conferences; conducting and publishing research; providing athletic training at the local, district, national and international levels. Faculty members will have contact with students in the classroom, at clinical sites, through independent and group research projects, and through advisement/mentorship. Faculty members will be heavily involved in student recruitment efforts in conjunction with other faculty and staff on campus (the Office of Admissions, Graduate College, College of Health and Human Services, etc.), which may include the design of promotional materials, visiting career/college fairs at other institutions, hosting open houses, and participating in Missouri State University-sponsored fairs/showcases. Teaching/learning innovations will include traditional didactic methods, fieldwork/clinical education, clinical practice, case studies, simulation-based, hands-on learning, research project, individual- and group-based projects, as well as many other techniques the faculty and clinical supervisors elect to utilize. Missouri State University's Faculty Center for Teaching and Learning (FCTL) provides course development resources such as the Digital Professor Academy for those who wish to learn to use and incorporate the latest technology in creative teaching methods. Faculty will be encouraged to take advantage of these opportunities in order to create more innovative courses and delivery methods. The curriculum will provide interprofessional education opportunities to develop the knowledge and skills needed for successful collaborative practice.

### **3. Enrollment Projections**

- a) Student FTE majoring in program by the end of five years.

The program will have capacity for 20 full-time students per year. It is structured as a two-year cohort model so it is anticipated that the program would have 40 current students (20 per year) at the end of five years.

- b) Percent of full time and part time enrollment by the end of five years.

Due to the structure of the program, one hundred percent of students enrolled in the program will be full-time students.

### **4. Student and Program Outcomes**

- a) Number of graduates per annum at three and five years after implementation.

3 years: 15      5 years: 20

- b) Special skills specific to the program.

Students admitted into the Master of Athletic Training program will already hold a bachelor's degree from an accredited university, and will have completed the required pre-requisite courses. The Master of Athletic Training curriculum will focus on providing students with the necessary knowledge and skills to become practicing athletic trainers. Major areas of the curriculum include the domains of the athletic training professions: injury/illness prevention and wellness promotion; examination, assessment and diagnosis; immediate and emergency care; therapeutic intervention; healthcare administration and professional responsibility. The curriculum will provide opportunities to develop the knowledge and skills needed for successful collaborative practice through interprofessional education.

- c) Proportion of students who will achieve licensing, certification, or registration.

Students that successfully complete all aspects of the degree program will be eligible to take the Board of Certification (BOC) certification examination. Students who pass the national certification exam are also required to apply for a state license in most states. It is anticipated that at least 85% of program graduates will pass the national certification examination on the first attempt due to the selective admissions criteria, curricular design, and clinical experiences established for this program.

- d) Performance on national and/or local assessments, e.g., percent of students scoring above the 50th percentile on normed tests; percent of students achieving minimal cut-scores on criterion-referenced tests. Include expected results on assessments of general education and on exit assessments in a particular discipline as well as the name of any nationally recognized assessments used.

It is anticipated that at least 85% of program graduates will pass the national certification examination on the first attempt due to the selective admissions criteria, curricular design, and clinical experiences established for this program.

- e) Placement rates in related fields, in other fields, unemployed.

It is anticipated that at least 95% of graduates desiring employment will be employed in athletic training positions within three months of graduation; 100% of those seeking employment are expected to be employed within six months of graduation. A small number may not seek immediate employment due to life circumstances.

- f) Transfer rates, continuous study.

It is atypical for a student admitted into a professional level AT program to transfer as the programs are all traditionally set up in a cohort model.

## **5. Program Accreditation**

- a) Institutional plans for accreditation, if applicable, including accrediting agency and timeline. If there are no plans to seek specialized accreditation, please provide reasons.

The Master of Athletic Training program will be accredited by the Commission on Accreditation for Athletic Training Education (CAATE). Currently the BSAT program is a CAATE accredited program. Our next comprehensive review will occur in academic year 2022-2023; however, the proposed degree and associated transition will result in that review focusing on the Master of Athletic Training.

The following is from the CAATE website (<http://caate.net/substantive-documents/>) and outlines the procedure for a currently accredited professional program to transition degree levels and maintain accreditation.

*Professional Programs transitioning from a baccalaureate to a post-baccalaureate degree OR Post-Professional Programs from a post-baccalaureate to a doctoral degree who are in good standing with the CAATE and in mid-cycle for accreditation may apply for continuing accreditation through this Substantive Change Request for Change in Degree Document. Programs who are transitioning to the master's degree must have approval from their respective regional accreditor prior to submission of substantive change (mini self-study) materials. The Notification of Intent form must be uploaded to the substantive change tab via eAccreditation prior to your preferred intent deadline (see the dates below and check the available spots per cycle document on the CAATE website)*

*..... This substantive change application does not extend continuing accreditation past the original review date. Application for a substantive change does not guarantee the change will be accepted. After review of materials, the CAATE may deem that an on-site visit is necessary to ensure compliance with the Standards..... Programs are allowed some overlap with students of both degrees, however a "teach out" plan for students enrolled in the program being dissolved is required as part of the change in degree level request. Once a program's request for change in degree has been approved, the program will no longer be allowed to admit students at the previous degree level.*

Time line based on CAATE Degree Substantive Change Review Cycles and Procedures and Missouri State University's Curriculum Approval Process

August 2016 – April 2017	Gain approval for Master of Athletic Training Degree from all levels of Missouri State University Curriculum approval process
April 1, 2017	Submit Master of Athletic Training proposal to CBHE
June 1, 2017	Gain approval for Master of Athletic Training from CBHE
July 1, 2017	Submit Letter of Intent and fee to CAATE
December 1, 2017	Submit mini Self-study
June1, 2018	Admit first Master of Athletic Training cohort

## **6. Alumni and Employer Survey**

- a) Expected satisfaction rates for alumni, including timing and method of surveys.

All students will complete an exit interview at time of graduation. Alumni will be surveyed at 6 months and 2 years' post-graduation. It is expected that all alumni will describe themselves as being "satisfied" to "completely satisfied" with their experience and knowledge gained from the program. It is expected that these surveys will help identify some areas that need improvement and provide suggestions for improvement. Additionally, alumni that are willing and able will be asked to take part in an advisory board that will be utilized to provide feedback and assist with ensuring continuous monitoring and improvement of the program.

- b) Expected satisfaction rates for employers, including timing and method of surveys.

All employers will be asked to complete an online survey relating to the program alumni hire 6 months and 1.5 years after hiring. It is expected that all employers will indicate a rating of "satisfied" to "completely satisfied" with program alumni that they hire. It is expected that these surveys will help identify some areas that need improvement and provide suggestions for improvement. Additionally, employers that are willing and able will be asked to take part in an advisory board that will be utilized to provide feedback and assist with ensuring continuous monitoring and improvement of the program.

## **7. Institutional Characteristics**

- a) Characteristics demonstrating why your institution is particularly well-equipped to support the program.

Missouri State University is a public, comprehensive metropolitan system with a statewide mission in public affairs, whose purpose is to develop educated persons. The University's identity is distinguished by its public affairs mission, which entails a campus-wide commitment to foster expertise and responsibility in ethical leadership, cultural competence and community engagement. The current BSAT program has existed at Missouri State University in some format since 1979 with strong student outcomes (BOC pass rate and employment). The program has always aligned well with the University mission and goals. As the Master of Athletic Training program is a transition from the BSAT to the Master of Athletic Training, the same foundational behaviors of athletic training (specifically ethical practice, legal practice, teamed approach to practice and cultural competence) will remain in place. The three pillars of the public affairs mission of cultural competence, community engagement, and ethical leadership are incorporated throughout the Master of Athletic Training curriculum by design (and accreditation mandate in some cases) into coursework, clinical experiences, and research projects.

Missouri State University is in an ideal location to serve not only residents of Missouri but several surrounding states. This is especially true in light of the fact that no other public university in southern Missouri is offering a Professional Level Master's program in athletic training. Furthermore, the University has other accredited health programs that add to the quality of the program. With the Sports Medicine and Athletic Training Department being housed in the College of Health and Human Services there are a number of opportunities for collaboration

with the other accredited health programs as many faculty members within the College (and University) are open to collaborative and interprofessional research projects and/or serving on research committees. The College offers a variety of strong undergraduate programs along with 13 graduate degrees and eight graduate certificate programs in the health and human services. These programs have excellent reputations, maintain national accreditation from their disciplines when available, and produce graduates who achieve high first-time pass rates on national exams after program completion. Many CHHS programs have long-term established relationships with the healthcare institutions in the region, including rural communities, which will benefit the Master of Athletic Training program when seeking clinical placement sites for students.

## Change Course Proposal Form

Submitted on 02/28/2017 by Steven Dodge ([Stevendodge@missouristate.edu](mailto:Stevendodge@missouristate.edu)).

**\*All fields require input**

This proposal applies to:

- ☒ An existing COURSE
- ☐ An existing REGULAR (e.g. permanent) SECTION of a variable content course.

Existing Course:

PAS790 Clinical Preceptorship

Will this proposal need to be reviewed by CGEIP? ☒ No ☐ Yes

Will this proposal need to be reviewed by EPPC? ☒ No ☐ Yes

Current online catalog description:

PAS 790 Clinical Preceptorship

Prerequisite: admission to the MS in Physician Assistant Studies and promotion from the didactic year. Consists of a six-week structured clinical experience under the supervision of a qualified preceptor that will introduce the student to the evaluation, diagnosis, treatment, monitoring, patient education, and referral of patients for the various clinical presentations within a specific discipline. The emphasis will be on problems encountered in primary care settings. Specific cognitive, skill, and attitudinal objectives are defined for each core clinical area, including family practice/primary care, general surgery, psychiatry/behavioral medicine, internal medicine, emergency medicine, women's health, and pediatrics. May be repeated. 4-5(0-40) F,S,Su

Revise the current online catalog description as needed: (Strikethrough all deletions and insert/bold new information. Any content that is copied and pasted will lose existing formatting; please review prior to submission.)

↶ ↷ **B** *I* 

PAS 790 Clinical Preceptorship

Prerequisite: admission to the MS in Physician Assistant Studies and promotion from the didactic year. Consists of a six-week structured clinical experience under the supervision of a qualified preceptor that will introduce the student to the evaluation, diagnosis, treatment, monitoring, patient education, and referral of patients for the various clinical presentations within a specific discipline. The emphasis will be on problems encountered in primary care settings. Specific cognitive, skill, and attitudinal objectives are defined for each core clinical area, including family practice/primary care, general surgery, psychiatry/behavioral medicine, internal medicine, emergency medicine, women's health, and pediatrics. May be repeated. ~~4-5~~(0-40) F,S,Su

What is changing? Check all boxes that apply.

- ☐ Course Code
- ☐ Course Number [\(Check Availability\)](#)
- ☐ Title
- ☐ Prerequisite
- ☒ Credit Hours/Contact Hours
- ☐ Periodicity
- ☐ Description

Reason for proposed change

Currently there are 8 sections of PAS 790 with 5 credit hours assigned to the first 4 sections and 4 credit hours to the last 4 even though all sections are of equal length and educational content. This change will make all 8 sections be listed at 5 credit hours.

Does this change affect course assessment (e.g. student learning evidence/outcomes)? ☒ No ☐ Yes

How did you determine the need for this change? Check all boxes that apply or specify other.

- ☒ Routine or annual review/assessment of curriculum
- ☒ Faculty Input
- ☐ Student Input
- ☐ Accreditation/certification compliance
- ☐ Review of catalog information

☐ Other (be specific):

☐ Check if this is a non-substantive change.

What is the date that this course change was approved by departmental or program faculty? (MM/DD/YYYY)

02/08/2017

Current Status:

Grad Council Review

Proposal Progress:

02/28/2017 - Submitted by Department Head (Steven Dodge)  
02/28/2017 - Reviewed by Dean (Helen Reid)

Review Comments:

No comments have been added to this proposal.

Copy As New Proposal





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## Change Program Proposal Form

Submitted on 02/28/2017 by Steven Dodge ([Stevendodge@missouristate.edu](mailto:Stevendodge@missouristate.edu)).

Department:

Physician Assistant

Type of Program

Choose One:

- ☒ Major (Non-Comprehensive/Graduate Program)      ☐ Minor      ☐ Academic Rules
- ☐ Comprehensive Major      ☐ Certificate      ☐ Other
- ☐ Option      ☐ Certification

Title of Program Affected:

Physician Assistant Studies-MS

**Current Catalog Description:** (Either cut and paste present description from online catalog **OR** provide as an attachment below)

C. Clinical year courses. The clinical year consists of 8 six-week clinical preceptorship experiences (PAS 790) for 4-5 credit hours. Students are required to complete the following required clinical preceptorships:

Degree requirements

All students must complete the required 83 semester hours of the curriculum (42 didactic and 41 clinical) in the prescribed sequence for each admitted class (cohort). Any exceptions to the cohort progression must stem from unavoidable and extreme personal circumstances, and must be approved by the program director.

 Not Attached

**Complete New Catalog Description:** (Either provide the revised description in the text area below [strikethrough all deletions and insert/bold new information - any content that is copied and pasted will lose existing formatting; please review prior to submission] **OR** provide as an attachment below)

  | **B** *I* 

C. Clinical year courses. The clinical year consists of 8 six-week clinical preceptorship experiences (PAS 790) for ~~4-5~~ **5** credit hours. Students are required to complete the following required clinical preceptorships:

**Degree requirements**

All students must complete the required ~~83~~ **87** semester hours of the curriculum (42 didactic and ~~41~~ **45** clinical) in the prescribed sequence for each admitted class (cohort). Any exceptions to the cohort progression must stem from unavoidable and extreme personal circumstances, and must be approved by the program director.

Not Attached

Total Hours: 87

**What is changing? Check all boxes that apply:**

- |   |   |
|---|---|
| <input type="checkbox"/> Title change                       | <input type="checkbox"/> From option to program (major) |
| <input type="checkbox"/> Course changes of under 18 hours   | <input type="checkbox"/> From program (major) to option |
| <input type="checkbox"/> Course changes of 18 hours or more |   |

☒ Other

Change of total credit hours for the program from 83 to 87.

**Reason for Proposed Change:**

A Course Change Proposal for PAS 790 has been submitted which will make all 8 sections of the course uniform in credit hours (5). Completion of the Physician Assistant Program requires enrollment in and successful completion of all 8 sections. Currently the first 4 sections are 5 credit hours while the last 4 are 4 hours even though the sections are identical in length and educational content. This unequal allocation of credit hours for the course sections dates to 2006 and is illogical. This change will result in a increase in the total number of credit hours at program completion from 83 to 87. While 87 credit hours may seem a large number for a Master's Degree program, it is actually below average when compared to the other approximate 200 physician assistant programs in the United States.

**What is the date that this new program was approved by departmental or program faculty? (MM/DD/YYYY)**

02/08/2017

**Current Status:**

Grad Council Review

**Proposal Progress:**

02/28/2017 - Submitted by Department Head (Steven Dodge)

02/28/2017 - Reviewed by Dean (Helen Reid)

**Review Comments:**

No comments have been added to this proposal.

Copy As New Proposal



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