



## New Program Report

**Date Submitted:**

12/21/2020

**Institution**

Culver-Stockton College

**Site Information**

**Implementation Date:**

6/1/2019 12:00:00 AM

**Added Site(s):**

**Selected Site(s):**

Culver-Stockton College, #1 College Hill, Canton, MO, 63435-9989

**CIP Information**

**CIP Code:**

510913

**CIP Description:**

A program that prepares individuals to work in consultation with, and under the supervision of physicians to prevent and treat sports injuries and associated conditions. Includes instruction in the identification, evaluation, and treatment of athletic injuries and illnesses; first aid and emergency care; therapeutic exercise; anatomy and physiology; exercise physiology; kinesiology and biomechanics; nutrition; sports psychology; personal and community health; knowledge of various sports and their biomechanical and physiological demands; and applicable professional standards and regulations.

**CIP Program Title:**

Athletic Training/Trainer

**Institution Program Title:**

Master of Athletic Training

**Degree Level/Type**

**Degree Level:**

Master Degree

**Degree Type:**

Master of Athletic Training

**Options Added:**

Collaborative Program:

N

**Mode of Delivery**

Current Mode of Delivery

Hybrid

Student Preparation



DEPARTMENT OF  
HIGHER EDUCATION &  
WORKFORCE DEVELOPMENT

## New Program Report

Special Admissions Procedure or Student Qualifications required:

Direct Admission to Accelerated (3+2): Students must be an incoming freshman with 25 ACT (or equivalent), 3.5 GPA (4.0 scale), with 50 hrs of observation under the direct supervision of a credentialed AT prior to enrollment. Traditional Admission (4 + 2): Students must have a bachelor degree from an accredited institution, complete their application through ATCAS or Culver-Stockton College website, and meet all entrance requirements.

Specific Population Characteristics to be served:

n/a

Faculty Characteristics

Special Requirements for Assignment of Teaching for this Degree/Certificate:

Master degree or higher, contemporary experience in area of teaching/practice, and valid certification or state license.

Estimate Percentage of Credit Hours that will be assigned to full time faculty:

54%

Expectations for professional activities, special student contact, teaching/learning innovation:

Maintain scholarship and contemporary experience in their teaching area.

Student Enrollment Projections Year One-Five

<b>Year 1</b>	<b>Full Time: 3</b>	<b>Part Time: 0</b>	
<b>Year 2</b>	<b>Full Time: 0</b>	<b>Part Time: 0</b>	
<b>Year 3</b>	<b>Full Time: 9</b>	<b>Part Time: 0</b>	<b>Number of Graduates:</b> 3
<b>Year 4</b>	<b>Full Time: 12</b>	<b>Part Time: 0</b>	
<b>Year 5</b>	<b>Full Time: 12</b>	<b>Part Time: 0</b>	<b>Number of Graduates:</b> 9

**Percentage Statement:**

100.00

Program Accreditation

Institutional Plans for Accreditation:

The MAT is accredited by the Commission on Accreditation of Athletic Training Education (CAATE).

Program Structure

**Total Credits:**

56

**Residency Requirements:**

n/a

**General Education Total Credits:**

0

**Major Requirements Total Credits:**

56

**Course(s) Added**



## New Program Report

COURSE NUMBER	CREDITS	COURSE TITLE
See PDF	3	See PDF

**Free Elective Credits:**

0

**Internship or other Capstone Experience:**

Seven clinicals (internships)

**Assurances**

I certify that the program will not unnecessarily duplicate an existing program within the geographically applicable area.

I certify that the program will build upon existing programs and faculty expertise.

I certify that the institution has conducted research on the feasibility of the proposal and it is likely the program will be successful. Institutions' decision to implement a program shall be based upon demand and/or need for the program in terms of meeting present and future needs of the locale, state, and nation based upon societal needs, and/or student needs.

Contact Information

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## MAT Catalog Materials (2020)

### Accreditation Statement:

Culver-Stockton College is currently accredited by the Commission on Accreditation of Athletic Training Education (CAATE), 6850 Austin Center Blvd., Suite 100, Austin, TX 78731-3101 and offers a Master of Athletic Training (MAT). Upon completion of the program, a student would be eligible to take the Board of Certification examination to become a certified athletic trainer (AT). In order to enroll in coursework, students must fulfill the admission requirements for and be granted formal admission to the program. Entrance is competitive and not guaranteed.

### Admission Routes & Requirements:

Culver-Stockton College offers two options for completion of the MAT. Degree conferment may be obtained through a 3 + 2 (accelerated) model in which the student completes 3 years of specified undergraduate and pre-requisite coursework and an additional 2 years of MAT graduate courses to complete their BS in Health Science and MAT from Culver-Stockton College. Students from affiliate partner Colleges and Universities may also pursue the 3 + 2, conferring their undergraduate degree from their affiliate institution and MAT from C-SC. Traditional graduate students pursue the MAT through a 4 + 2 model, in which the student completes any bachelor-level degree and pre-requisite coursework prior to entrance and completion of the graduate degree at C-SC.

The MAT at C-SC is a professional program that has multiple routes for admission. Admission is competitive and limited to 12 students per cohort. Cohorts may be uncapped with institutional approval and addition of appropriate faculty.

- **Direct** Admission to Accelerated (3+2): Only available for students enrolling at C-SC in the 3+2. Students must be an incoming freshman with a 25 ACT (or equivalent), 3.5 GPA (4.0 scale), and have 50 hrs of observation under the direct supervision of a credentialed AT prior to enrollment. Students maintain their guaranteed direct admission to the accelerated MAT by maintaining a 3.0 GPA and fulfilling the additional application requirements annually (see MAT Guide for details).
- **Accelerated** Admission (3 + 2): Only available to students at C-SC or affiliate institutions. Students must complete all application materials and have an endorsement from an AT at C-SC or the affiliate institution. Accelerated applicants should apply no later than January 15<sup>th</sup> of their third year (the semester preceding the start of the summer graduate year) through the C-SC admissions website to guarantee an automatic interview.
- **Traditional** Admission (4 + 2): Students must have a bachelor degree from an accredited institution, complete their application through ATCAS or Culver-Stockton College website, and meet all entrance requirements. Applications are due no later than March 15<sup>th</sup> for full consideration.

See the MAT Guide (ATP Handbook) located on the major website for more specific and up-to-date information on admission criteria and deadlines. *\*C-SC and affiliate institution students will be awarded priority points on evaluation ratings, but may not be guaranteed entrance.*

### Application & Entrance Requirements:

1. Cumulative GPA of at least 3.0 (or 3.0 in last 60 hours); have completed their bachelor's degree or enrolled in the last semester from an accredited college or university; or enrolled in, and complete prior to program start date, a minimum 100 credit hours for accelerated applicants.
2. A grade of "C" or higher, and minimum of 3 credit hours, in each of the following pre-requisite courses:
  - a. Biology
  - b. Anatomy; or combination of two A&P courses
  - c. Physiology; or combination of two A&P courses
  - d. Physics
  - e. Chemistry
  - f. Nutrition
  - g. Exercise physiology
  - h. Kinesiology or biomechanics
  - i. Psychology
  - j. \*Pathophysiology (may be taken as summer course at C-SC in first semester of program)

Recommended coursework: Statistics (highly recommended), Medical Terminology (highly recommended), Public Health, Epidemiology, Care and Prevention of Athletic Injuries, and Abnormal Psychology.

\*A student missing one or more of the application and entrance requirements may be eligible for conditional acceptance per institutional policy. Students seeking conditional acceptance are subject to approval by the Graduate Committee. Conditions of acceptance will vary by applicant. Contact the Program Director for information on conditional acceptance.

### 3. Additional Application Requirements:

All applicants must also meet additional application requirements which include:

- a. Statement of professional interest/philosophy;
- b. 2 letters of recommendation/endorsement (1 must be supervising AT);
- c. 50 hours of observation under the supervision of and endorsement of an AT; and
- d. verification of ability to meet the "technical standards" and "additional requirements" of the Program.

\*International applicants must also have the following:

- e. TOEFL > 79 (IBT), 213 (CBT) or 550 (PBT); IELTS 6.0 minimum; SAT >1050 or ACT >22; equivalent performance on accepted English proficiency exam (as determined by the College), or completion of 90 credit hours from accredited US College/University with a 3.0 or higher, if applicable.

### 4. Secondary Application & Entrance Requirements:

- a. Applicants will receive verification of application receipt, along with request for secondary application requirements and additional information needed (if applicable) by February 1<sup>st</sup> for Accelerated, and April 1<sup>st</sup> for traditional enrollments.
- b. Selected applicants will receive a request for interview; based upon approval of the application and interview, a letter of acceptance or denial will be distributed no later than April 15th. Acceptance is rolling and available until filled. Students are highly encouraged to apply as early as possible.
- c. Upon acceptance, students are required to submit a nonrefundable deposit of \$150. The fee will cover the cost of background check and liability insurance (remaining funds will be credited to student account upon enrollment).
- d. Accepted applicants are subject to a criminal background check, must provide a medical history, undergo a physical, and provide verification of current immunizations (must include Hep B, MMR and TB [valid within one year]) and proof of liability insurance prior to start of clinical coursework (failure

to comply may result in revocation of acceptance and/or dismissal from program). Students must also be able to secure housing, be willing to relocate, and have reliable transportation.

**Retention/Probation/Dismissal Criteria:**

Students will be evaluated each semester for congruence with program conditions and retention criteria. Retention requirements include FT enrollment in curriculum sequence; maintaining 3.0 GPA; C or better in all coursework (more than 2 C's results in recommendation for dismissal); passing of all semester comps and exit exam with 75% or better; adherence to all policies set forth in the MAT Guide; and continued ability to meet "technical standards" and "additional requirements". Students earning 2 C's, falling below a 3.0 GPA, or violating program policies will be placed on programmatic remediation. Inability to meet the conditions of remediation may result in dismissal. Students placed on remediation or dismissed will be notified in writing, will be provided applicable terms of said actions, and will reserve the right to appeal that decision. All appeals should follow the Academic Policies and Regulations set forth in the current Academic Catalog.

**Masters of Athletic Training Coursework (56-59 hrs):**

**[BIO310 Pathophysiology (3)]**\*If not on undergraduate transcripts

**ATR501 Clinical I: Prevention & Emergency Care (1)**

This course is designed to give the athletic training student hands-on experience as it relates to emergency care and the prevention of injuries and illnesses. Emphasis will be placed on the development of professional affective behaviors, integration of psychomotor competencies, and completion of select clinically integrated proficiencies. Students will complete clinical hours under the supervision of a qualified clinical preceptor in an athletic training or sports medicine setting. This course will orient and introduce students to early foundations skills and expose the student to clinical experiences in the athletic training program. In addition, students will begin early implementation of these skills during their clinical experiences.

**ATR502 Clinical II: Foundations of Sports Medicine I (2)**

This course is designed to give the athletic training student hands-on experience as it relates to the practice of athletic training in the traditional sports setting. Emphasis will be placed on the development of professional affective behaviors, integration of psychomotor competencies, and completion of select clinically integrated proficiencies. Students will complete clinical hours under the supervision of a qualified clinical preceptor in an athletic training or sports medicine setting. This course will allow students to build confidence in the implementation of foundational care skills. In addition, students will begin to demonstrate skills in injury evaluation, illness evaluation, and preventative techniques. Through this clinical experience and Foundations of Sports Medicine II, students can gain experiences in both men's and women's sports, upper and lower extremity dominant sports, equipment intense sports, and collision sports.

**ATR503 Clinical III: Foundations of Sports Medicine II (2)**

This course is designed to give the athletic training student hands-on experience as it relates to the practice of athletic training in the traditional sports setting. Emphasis will be placed on the advancement of professional affective behaviors, integration of psychomotor competencies, and completion of select clinically integrated proficiencies. Students will complete clinical hours under the supervision of a qualified clinical preceptor in an athletic training or sports medicine setting. This course will allow students to demonstrate improved competency in the implementation of foundational care skills. In addition, students will demonstrate skills in injury evaluation, illness evaluation, therapeutic interventions, and preventative techniques. Through this clinical experience and Foundations of Sports Medicine I, students can gain experiences in both men's and women's sports, upper and lower extremity dominant

sports, equipment intense sports, and collision sports.

### **ATR510 Foundational Concepts in Athletic Training (3)**

This course is designed to provide foundational knowledge for individuals pursuing the athletic training profession. Content will focus on identifying the role and responsibilities of the AT within the inter-professional medical team, as it pertains to the prevention, care, and emergent intervention or triage of physically active individuals who are acutely injured or ill.

### **ATR515 Functional Anatomy (3)**

This course introduces the student to the concepts related to the anatomical and mechanical basis of human movement. Course materials will focus on how human anatomy, specifically the skeletal, muscular and articular systems, affect movement. A systematic method for examining the functional components of the musculoskeletal system as well as kinetic principles will be analyzed. Students will learn about common methods of instruction regarding the application and analysis of movement activities. Concepts of muscular imbalance and functional pathology are included.

### **ATR520 Diversity & Cultural Competence for the Health Professional (3)**

This course examines the importance and delivery of cultural competent services for health professionals. Content identifies disparities among individuals of different race, gender, ethnicity, socioeconomic status and other cultural factors affecting health services. Emphasis is placed on analyzing self-awareness and subsequent development and delivery of culturally competent systems, organizations, and health services. This course includes and requires an interactive session or workshop.

### **ATR525 Clinical Diagnosis I (3)**

This course will investigate didactic knowledge and clinical applications in the areas of recognition, evaluation, and immediate care as they relate to musculoskeletal injuries. This course provides various methods of exposure and considerations in the recognition of acute and life-threatening medical conditions, comprehensive musculoskeletal functional assessment, and management techniques for injuries to the head, neck, thorax and upper extremity. Appropriate documentation systems will be discussed and integrated within laboratory activities. Laboratory focus will be on hands-on skill development as they relate to the evaluation process.

### **ATR530 Evidence-Based Research & Clinical Practice (3)**

This course focuses on theory-guided and evidence-based research to prepare students to become proficient in translating research into practice. Students will learn to identify clinically focused problems and evaluate the best design to answer the question. The course will require critical analysis of informatics, descriptive and biostatistics, and evidence-based research to identify best practices and strategies for improved patient and client outcomes.

### **ATR535 Pharmacology (2)**

This course will investigate didactic knowledge and clinical applications in the areas of basic pharmacological principles such as drug interactions, dosages, metabolism, absorption and indications/contraindications of drugs recognition. Appropriate federal and state regulations, as well as documentation systems, will be discussed and integrated within class activities. This course will also cover the proper management of pharmacological agents within a healthcare setting.

### **ATR545 Therapeutic Interventions I (3)**

This course will investigate the theoretical and clinical application of therapeutic modalities and exercise as they relate to the promotion of musculoskeletal function, the therapeutic intervention process, and the inter-professional rehabilitation team. This course explores various considerations for effective therapeutic intervention strategies, including their basic physics, physiological effects, indications, contraindications, rationale for their evidence-based clinical application, and appropriate documentation. This course uses an integrated online lecture and laboratory format. Laboratory focus will be on therapeutic interventions as they relate to tissue healing, pain modulation, and tissue preparation for the physical rehabilitation process.

### **ATR555 Physical Examination & Diagnostics (3)**

This course will investigate non-orthopedic, pathological conditions that affect or impede the physically active population. This course uses an integrated online lecture and laboratory format. Laboratory focus will be on the physical examination of the patient, use and interpretation of instrumentation and diagnostic tools for the differential diagnosis of general medical conditions, as well as appropriate clinical and basic pharmacological interventions or referral.

### **ATR604 Clinical IV: Advanced Preventative & Emergency Care (1)**

This course is designed to give the athletic training student advanced hands-on experience as it relates to preventative and emergency care. Emphasis will be placed on the advancement of professional affective behaviors, integration of psychomotor competencies, and completion of select clinically integrated proficiencies. Students will complete clinical hours under the supervision of a qualified clinical preceptor in an appropriate setting. Students will have the opportunity to apply advanced emergency care techniques and mentor first-year students.

### **ATR605 Clinical V: General Medical & Behavioral Health (1)**

This course is designed to give the athletic training student advanced hands-on experience as it relates to the practice of health care with varied client/patient populations. In addition, students will begin to understand and implement concepts of care and treatment for a behavioral health crisis. Emphasis will be placed on the development of professional affective behaviors, integration of psychomotor competencies, and completion of select clinically integrated proficiencies. Students will complete clinical hours under the supervision of a qualified clinical preceptor in an athletic training and general medical setting. This course will also provide students with clinical experiences in the behavioral health setting. Through this clinical experience, students will experience inter-professional collaboration, varied patient populations, and common medical coding and documentation systems.

### **ATR606 Clinical VI: Advanced Athletic Training Immersion (3)**

This course is designed to give the athletic training students an immersive hands-on experience as it relates to the practice of athletic training in the traditional sports setting. Emphasis will be placed on the development of professional affective behaviors, integration of psychomotor competencies, and completion of select clinically integrated proficiencies. Students will complete a minimum of 4 weeks in fully immersed clinical hours under the supervision of a qualified clinical preceptor in an athletic training or sports medicine setting. This course will allow students to implement many aspects of athletic training techniques utilizing a strong knowledge base. In addition, students will demonstrate higher-level critical thinking skills in injury evaluation, illness evaluation, therapeutic intervention, and preventative techniques. Through this clinical experience, students will gain an immersive day-to-day clinical experience in the traditional sports setting.



### **ATR607 Clinical VII: Clinical Sports Medicine Immersion and Practice Advancement (3)**

This course is designed to give the athletic training student an immersive hands-on experience as it relates to the practice of health care in the non-collegiate settings. Emphasis will be placed on the development of professional affective behaviors, integration of psychomotor competencies, and completion of select clinically integrated proficiencies. Students will complete a minimum of 4 weeks in fully immersed clinical hours under the supervision of qualified clinical preceptors in various healthcare and sports medicine settings, with opportunity to explore areas of practice advancement. This course will allow students to implement many aspects of athletic training techniques utilizing a strong knowledge base. In addition, students will demonstrate higher level critical thinking skills in injury evaluation, illness evaluation, therapeutic intervention and preventative techniques. Through this clinical experience, students will gain an immersive day-to-day clinical experience in the non-collegiate settings. This clinical will also allow students to experience inter-professional collaboration, varied patient populations, and common medical coding and documentation systems. Students will demonstrate advanced skill sets associated with Hospital/Physician based systems and non-traditional athletic training settings.

### **ATR610 Behavioral Health (2)**

The purpose of this course is to study behavioral health-related conditions and practices, with focus on recognition, education, intervention and basic management or modification. These conditions and practices include, but are not limited to, suicidal ideation, depression, anxiety, psychosis, eating disorders, attention deficit disorder, and substance abuse.

### **ATR615: Community Health Promotion & Wellness (3)**

This course is a healthcare professional's guide to health, fitness, and wellness for clients/patients. Emphasis is on healthcare professionals' foundational knowledge in epidemiology, biometrics, and data analysis for implementing primary, secondary, and tertiary prevention to healthy, at-risk, and disabled populations.

### **ATR620 Capstone for Health Professionals (1)**

This course will focus on both retrospective review and prospective preparation for a career in the healthcare field. Heavy emphasis will be placed on self-reflection, KSA competency analysis, credentialing, continuing education, job market, as well as interviewing and negotiation strategies to prepare the entry-level professional for their career field.

### **ATR625 Clinical Diagnosis II (3)**

This course will investigate didactic knowledge and clinical applications in the areas of recognition, evaluation, and immediate care as they relate to musculoskeletal injuries. This course provides various methods of exposure and considerations in the recognition of acute and life-threatening medical conditions, comprehensive musculoskeletal functional assessment, and management techniques for injuries to the spine, pelvis, and lower extremity. Appropriate documentation systems will be discussed and integrated within laboratory activities. Laboratory focus will be on hands-on skill development as they relate to the evaluation process.

### **ATR630 Healthcare Administration (3)**

This course is a study of the organizational and administrative issues related to health care. This course identifies the key concepts of the management, leadership, organizational behavior, strategic planning, marketing, quality improvement, information technology and record keeping, finance and revenue, human resources, ethics, and lawful practice in the administration of a contemporary healthcare organization.

**ATR645 Therapeutic Intervention II (3)**

This course will investigate the theoretical and clinical application of therapeutic modalities and exercise as they relate to the promotion of musculoskeletal function, the therapeutic intervention process, and the inter-professional rehabilitation team. This course explores various considerations for effective therapeutic intervention strategies, including their basic physics, physiological effects, indications, contraindications, rationale for their evidence-based clinical application, and appropriate documentation. This course uses an integrated online lecture and laboratory format. Laboratory focus will be on therapeutic interventions as they relate to restoring or improving mobility, stability, strength, and functional return to activity through the physical rehabilitation process.

**ATR655 Therapeutic Intervention III (2)**

This course expands on previous competencies throughout the curriculum. This course examines clinical cases in which the student must determine the appropriate clinical diagnosis, appropriate outcome measures, and intervention plan. Cases include a variety of simulations including orthopedic and non-orthopedic injuries/illnesses. In addition there will be a variety of patient populations including athletes, non-athletes, and varying age, diversity, and gender.

**ATR665 Nutrition & Conditioning for Human Performance (3)**

This course is a study of nutrition and conditioning principles that enhance human performance.