

AGENDA ITEM: Proposal for a New Bachelor of Science Degree in Athletic Training

ISSUE:

The Board of Trustees' policy adopted on August 7, 2002 states that the creation of new majors must be reviewed and approved by the Trustees. The Department of Human Performance and Sport is proposing the creation of a new major in Athletic Training. The proposal for the new degree program has been approved by all internal review bodies and Interim Provost Curran. Final approval rests with the Trustees.

Since the passage of SB04-189, which modified CCHE's purview, the Commission review is limited to confirming that proposed programs are consistent with the institutional role and mission. Although proposals for new degree programs no longer require CCHE approval, MSCD has retained the proposal format developed by CCHE. Ten specific issues are addressed in the program proposal. Those issues, together with a staff assessment, are addressed below.

BACKGROUND:

Athletic Training is currently a concentration area within the **Human Performance and Sport** major. Athletic Training was initially approved as an emphasis in the Physical Education major in 1981. The Athletic Training Education Program (ATEP) gained accreditation in 2005 in response to a national move to require all Certified Athletic Trainers to graduate from an accredited program. This required substantial curricular changes, and many of the existing students chose different options rather than complete the more rigorous program. After an initial drop in the number of graduates, enrollment is growing. The program had hoped to have several years of enrollment data with the new program prior to proposing a new major. However, new standards from the Commission on Accreditation of Athletic Training Education (CAATE) require that accredited programs need to be a distinct major. While this requirement seems somewhat unusual for specialized accreditation, the program has no choice but to comply. Continuation of the program as a concentration with no accreditation is not an option, as students would not be qualified for certification.

SUMMARY OF ANALYSIS:

No additional resources or facilities are needed to offer the new major. The curriculum in the new major is identical to the current concentration. The new major would still be housed in the Human Performance and Sport Department. There would be no additional reassigned time required.

The program anticipates that 8 graduates will complete their degrees and subsequently gain certification in 2008-09. This would bring the 3-year total of graduates to 22, surpassing the low demand program benchmark. The program has averaged more than 10 graduates per year, so the program exceeds the benchmarks used to identify low demand programs. In spring 2009, the program is offering 10 sections with an average enrollment of 19 students per section. (See the attached proposal for additional information).

RECOMMENDATION:

The Office of Academic Affairs recommends that the Board of Trustees approve the Program Proposal for the new Bachelor of Science degree in Athletic Training.

ATHLETIC TRAINING EDUCATION PROGRAM (ATEP)

Department of Human Performance and Sport

The Athletic Training Education Program (ATEP), a concentration and extended major within the Department of Human Performance and Sport, is designed for the student desiring a career in the allied health care field of athletic training. The objective of the ATEP at Metro State is the professional preparation of athletic training students, qualifying them to sit for the National Athletic Trainers Associate Board of Certification (NATABOC) exam. Upon successful completion of the NATABOC exam, the athletic training graduate may practice as a certified athletic trainer (ATC).

Completion of this program eliminates the need for a minor as it is considered an extended major.

The necessary steps for students wishing to pursue athletic training as a field of study are as follows:

- Contact the ATEP Director for academic advising and declaration of major.
- Enroll in and complete the following courses with a grade of “C” or better:
- BIO 1080 & 1090-General Biology I and Lab (prerequisites for BIO 2310)*HPS 1623-Prevention and Care of Athletic Injuries *HPS 2060-Emergency Rescue/First Responder and CPR
- Ideally these courses should be taken during the freshman year.
- Equivalent transfer courses may be considered.

Following completion of the above courses, all students, including transfer students **must** meet specific criteria to continue in the ATEP and begin the remaining six-semester sequence of athletic training corequisite, didactic/clinical courses. The sequence begins each fall. Please note the following:

Students must meet criteria to continue in the Athletic Training Education Program

Six semesters are required to complete the Athletic Training Education Program.

The sequence begins only in the fall semester.

Candidates for continuation, including transfer students, in the ATEP **must** comply with all program continuation standards. These specific criteria are as follows:

- Indicate a desire to continue in the Athletic Training Education Program by submitting the completed ATEP Continuation Intent Form.
- Have completed BIO 1080 & 1090, HPS 1623, and HPS 2060 with a grade of “C” or better.
- Have completed a minimum of 12 semester hours with a cumulative grade point average (GPA) of 2.5 or higher on a 4-point scale, or 3.0 or better in the last 30 credit hours completed.
- Write and submit a brief summary of professional goals and objectives, indicating sincere interest and commitment in athletic training as a profession.
- Obtain and submit three character reference letters. One should be from a college faculty member (Metro State athletic training faculty are excluded).
- Have proof of current immunizations for DPT, MMR, TB, and hepatitis B (or HBV declination).
- Carry individual/personal student athletic trainer malpractice/liability insurance in the amount of \$1,000,000/\$3,000,000.
- Submit a signed statement indicating acknowledgement of the ATEP continuation criteria and policies and procedures.

These materials must be submitted as a packet to the ATEP director no later than March 1st in order to be considered for continuation and beginning the athletic training sequenced courses.

Following submission of these materials, an interview will be scheduled with the athletic training committee.

Students will be notified of their status in the ATEP by April 30th.

Transfer students **must** meet all of the continuation criteria in order to begin the six-semester sequence of athletic training didactic/clinical corequisite courses.

Following initial continuation and completion of the first semester of the athletic training six-semester sequence, students must maintain a cumulative GPA of 2.5 and major GPA of 2.75. If either GPA falls below the minimum, one of the following will occur:

- The student will be placed on probation and have one semester to bring the GPA(s) up to acceptable levels, while remaining in the course sequence.
- If the student fails to bring the GPA(s) up to acceptable levels after one semester, the student will be suspended from the major until the minimum GPA(s) is/are achieved. Resumption in the ATEP will commence in the appropriate sequential semester.
- If, after two semesters, the student does not bring the GPA(s) to acceptable levels, the student will be dismissed from the ATEP.
- If the GPA(s) is/are raised to the minimum, the dismissal may be appealed.

Third and fourth year athletic training students will be notified of their status by June 1st of each year.

Candidates for continuation in the Athletic Training Education Program also **must** demonstrate the following ATEP technical standards:

1. The mental capacity to assimilate, analyze, synthesize, and integrate concepts and problem-solving to formulate assessment and therapeutic judgments and to be able to distinguish deviations from the norm;
2. Sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate physical examinations using accepted techniques; and accurately, safely, and efficiently use equipment and materials during the assessment and treatment of patients;
3. The ability to communicate effectively and sensitively with patients and colleagues, including individuals from different cultural and social backgrounds; this includes, but is not limited to, the ability to establish rapport with patients and communicate judgments and treatment information effectively. Students must be able to understand and speak the English language at a level consistent with competent professional practice;
4. The ability to record the physical examination results and a treatment plan clearly and accurately;
5. The capacity to maintain composure and continue to function well during periods of high stress;
6. The perseverance, diligence, and commitment to complete the athletic training education program as outlined and sequenced;
7. Flexibility and the ability to adjust to changing situations and uncertainty in clinical situations;
8. Affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

Please note the following:

- Students must graduate from a CAAHEP accredited Athletic Training Education Program to be eligible to sit for the NATABOC examination.
- The Metro State Athletic Training Education Program successfully completed CAAHEP accreditation.

Athletic Training Major for Bachelor of Science

REQUIRED COURSES	SEMESTER HOURS
BIO 2320 Human Anatomy and Physiology II	4
HES 3820 Health Care Counseling	3
HPS 1623 Prevention and Care of Athletic Injuries	3
HPS 1640 Physical Fitness Techniques and Programs	2
HPS 2060 Emergency Rescue/First Responder	3

HPS 2220 Foundations of Athletic Health Care ¹	3
HPS 2221 Athletic Training Clinical Experience I ¹	1
HPS 2790 Pathology of Athletic Injury/Illness	3
HPS 2860 Therapeutic Modalities in Sports Medicine ²	3
HPS 2861 Athletic Training Clinical Experience II ²	1
HPS 3300 Anatomical Kinesiology	3
HPS 3340 Physiology of Exercise.	3
HPS 3830 Upper Body Injury Evaluation ³	3
HPS 3831 Athletic Training Clinical Experience III ³	2
HPS 3850 Lower Body Injury Evaluation ⁴	3
HPS 3851 Athletic Training Clinical Experience IV ⁴	2
HPS 4660 Legal Liability for Physical Educators, Coaches, and Administrators.	3
HPS 4750 Upper Body Injury Rehabilitation ⁵	3
HPS 4751 Athletic Training Clinical Experience V ⁵	3
HPS 4770 Lower Body Injury Rehabilitation ⁶	2
HPS 4771 Athletic Training Clinical Experience VI ⁶	3
HPS 4850 Seminar in Athletic Training.	3
NUT 2040 Introduction to Nutrition.	3
NUT 3200 Nutrition and Sport Performance.	3
<i>Total</i>	65

¹ HPS 2220 and HPS 2221 must be taken concurrently in the fall semester.

² HPS 2860 and HPS 2861 must be taken concurrently in the spring semester.

³ HPS 3830 and HPS 3831 must be taken concurrently in the fall semester.

⁴ HPS 3850 and HPS 3851 must be taken concurrently in the spring semester.

⁵ HPS 4750 and HPS 4751 must be taken concurrently in the fall semester.

⁶ HPS 4770 and HPS 4771 must be taken concurrently in the spring semester.

Please Note:

- Required General Studies courses (fulfill Natural Science General Studies requirement):

BIO 1080 & 1090–General Biology I and Lab

BIO 2310–Anatomy and Physiology I

The Athletic Training Clinical Experience courses; HPS 2221, 2861, 3831, 3851, 4751, and 4771, meet for 1 hour per week at MSCD and **require** a minimum of 13 hours per week at assigned affiliated athletic training sites in the Denver Metro area. The ATEP director and clinical coordinator will determine placement at these sites. Students will be rotated to various sites during the six-semester sequence.

Proposal for a New Degree Program

1. Abstract – Conversion of the Athletic Training Concentration to a distinct Athletic Training Major

Metropolitan State College of Denver athletic training program has existed as a concentration since 1981, initially as an emphasis within the Physical Education major, and since 1990 as an option within the Human Performance and Sport major. When the National Athletic Trainers' Association and their Board of Certification mandated that all individuals wishing to become Certified Athletic Trainers graduate from approved, accredited academic programs, MSCD began the process of becoming accredited. The MSCD Athletic Training Education Program (ATEP) earned accreditation in April 2005. The curriculum changes necessary to meet the accreditation standards were substantial; the program now includes a six semester sequence of athletic training clinical experience courses. As a result of this transition, graduates initially dropped but the numbers of graduates has rebounded. Please see item #10 for historical data regarding student numbers.

With the evolution of an independent athletic training accrediting body, as opposed to the original accrediting body from allied health care, came the standard that athletic training must be classified as a distinct major. The MSCD ATEP was cited to be non-compliant with this standard as of September 2008. Although the rationale for this standard is debatable, it is an enforced standard as of September 2008. According to the Commission on Accreditation of Athletic Training Education (CAATE), "Failure to respond satisfactorily to these citations by January 15, 2009 may result in a change of accreditation status or withdrawal of accreditation."

MSCD seeks to continue to serve the community by changing the concentration in Athletic Training to a specific major that will continue to be housed in the Department of Human Performance and Sport. The current status as a concentration in Athletic Training with a major in Human Performance and Sport is no longer acceptable under current standards of the CAATE. Standard I1 states that "The athletic training education program must be an undergraduate or graduate program that offers a major or graduate equivalent in athletic training. The undergraduate major or graduate major equivalent must be:

- I1.1 consistent with other majors offered at the institution,
- I1.2 identified as an academic athletic training major program in institutional academic publications and
- I1.3 indicated on the official transcript of the student as is normally designated for other undergraduate majors or graduate major equivalents at the institution.

Upon clarification of the non-compliance, we were told via phone conversation that the MSCD ATEP most closely resembles the Nursing major here at MSCD, hence, we are being held to the same requirements of establishing a major specific to athletic training.

The MSCD ATEP currently has a dedicated curriculum as well as qualified faculty to teach the curriculum. No additional resources will be required as athletic training evolves into a major as opposed to a concentration.

Since earning accreditation in April, 2005, the MSCD ATEP has shown growth in student numbers. Currently, we are the second largest ATEP in Colorado, second only to the University of Northern Colorado. Over the past two academic years we have seen appreciable growth via the addition of transfer students from other Colorado institutions. The number of students in the beginning courses for the concentration are indicative of growth in the new accredited program enrollment in HPS 2220 *Foundations of Athletic Healthcare* increased from 16 in Fall 2007 to 25 in Fall 2008. Enrollments in HPS 2221 Athletic Training Clinical Experience I increased from 13 in Fall 2007 to 25 in Fall 2008. Overall, the number of declared athletic training majors has remained fairly consistently in the 40's according to MSCD Office of Institutional Research. The aforementioned numbers reflect how the program faculty has been able to communicate with students and guide them toward entry into the clinical aspect of the program.

2. MSCD ATEP Mission and Goals:

Mission Statement:

MSCD provides a major field of study in the discipline of athletic training in an atmosphere that advocates professional growth of students declaring a major in the field. The pedagogical practices of the faculty will strive to integrate the conceptual with the clinical application of the competencies required of Certified Athletic Trainers. MSCD is committed to developing empowered students in the field of athletic health care capable of sound intellectual, clinical, and ethical decision-making upon graduation.

The goal of the MSCD ATEP is to academically and experientially expose students to a diverse array of instructional paradigms that encompass the competency areas of the practice of athletic training as an allied health field. The professional preparation is to be achieved within the context of the School of Professional Studies at MSCD to develop critical thinkers and ethical practitioners.

The underlying philosophy of athletic training education at MSCD involves judicious background in the natural sciences, vigorous scholarly activity in athletic training theory, and varied clinical and field experiences. Aggressive attempts are made to diversify the clinical experiences via assigning students to various athletic training clinical sites, on and off the MSCD campus. The athletic training faculty are committed to providing mentor type relationships with athletic training students and to be readily available for academic and professional advising.

The goals and mission of the MSCD ATEP coincide with the college's mission to provide a high-quality, accessible, enriching education that prepares students for rewarding careers, post graduate education and lifelong learning in a multicultural,

global, and technology-driven society in addition to adhering to all instructional requirements of the National Athletic Trainers' Association Athletic Training Educational Competencies (currently in its 4th edition) to include:

Risk Management and Injury Prevention
Pathology of Injuries and Illnesses

Assessment and Evaluation
Acute Care of Injury and Illness
Pharmacology
Therapeutic Modalities
Therapeutic Exercise
General Medical Conditions and Disabilities
Psychosocial Intervention and Referral
Health Care Administration
Professional Development and Responsibilities

3. Relationship of the proposed program to institutional role and mission and institutional planning and priorities.

Allowing Athletic Training to become an academic major instead of a concentration will be consistent with the college's mission to provide high-quality and accessible education as we are the only CAATE accredited ATEP in the Metropolitan Denver area serving students who could otherwise not pursue this major of study due to logistical issues of housing and travel.

The MSCD ATEP has nurtured strong relationships with Denver Public Schools, Colorado School of Mines, Jefferson County Public Schools, and Cherry Creek Public Schools. Our students work with Certified Athletic Trainers in these schools furthering the college's impact on Metro Denver communities.

In addition to our impact on the surrounding areas, the MSCD ATEP has developed a mutually beneficial relationship with MSCD's Intercollegiate Athletics Program. The MSCD Athletic Training room is the home site for athletic training students to complete the required clinical hours. The needs of the athletic training student and the MSCD student athlete are integrated so that an optimal system of athletic health care and athletic health care education may be realized. Currently, upper classman in the ATEP have assumed leadership roles and responsibilities in assisting the MSCD athletic training room staff with the daily operational duties of the MSCD athletic training room. Under the supervision of the MSCD Athletic Training room staff, ATEP upper classman serve the MSCD varsity athletes by: providing pre-practice and pre-game prophylactic taping, assisting with instruction and implementation of rehabilitation programs, assisting with all aspects of event preparation: filling water coolers, stocking athletic training supplies etc., in addition to other activities specific to the athletic training professional development.

4. Value of a distinct Athletic Training Major to the student:

All individuals who aspire to become Certified Athletic Trainers (ATC's) are required to successfully complete an accredited curriculum program and pass a national certification examination. Without offering Athletic Training as a specific major, current MSCD ATEP students will be forced to transfer to another institution in order to complete their degrees.

Upon completion of the athletic training major requirements, students will have advanced their cognitive and psychomotor athletic training competencies to a level consistent with the entry-

level standards of the profession as determined by the Board of Certification for the National Athletic Trainers' Association.

5. Bona fide need for the Athletic Training Major.

The need for Certified Athletic Trainers is growing steadily as the numbers of physically active individuals continues to rise. The popularity of youth sports and adult sport leagues have created an increasing market for Certified Athletic Trainers who are experts in injury prevention, assessment, treatment and physical rehabilitation, particularly in the orthopedic and musculoskeletal disciplines. Although not a requirement, many Colorado high schools employ ATC's in order to best serve their student athletes by having a qualified allied health care professional on staff.

As of the fall 2008 census, the MSCD ATEP has forty three students active in the clinical core of the program and 45 total students who have declared athletic training as their concentration. Overall, according to the Office of Institutional Research data book, the athletic training concentration student numbers are consistent with many other programs within the School of Professional Studies and the college as a whole.

6. Description – Athletic Training Major Curriculum (Identical to current catalog description of Athletic Training Concentration)

The athletic training major will NOT differ from the current athletic training concentration. It will continue to be an extended major with 65 credits required for the core courses with 39 upper division credits.

All aspects of the MSCD General Studies program are enforced with the following courses being required General Studies for ATEP students:

BIO 1080 General Biology BIO 2310 Human Anatomy & Physiology I
 BIO 1090 General Biology Lab PSY 1001 Introductory Psychology

Athletic Training Major (Concentration) – Current Catalog Listing

REQUIRED COURSES.....			SEMESTER HOURS
BIO	2320	Human Anatomy and Physiology II.....	4
HES	3820	Health Care Counseling.....	3
HPS	1623	Prevention and Care of Athletic Injuries.....	3
HPS	1640	Physical Fitness Techniques and Programs.....	2
HPS	2060	Emergency Rescue/First Responder.....	3
HPS	2220 ¹	Foundations of Athletic Health Care.....	3
HPS	2221 ¹	Athletic Training Clinical Experience I.....	1
HPS	2790	Pathology of Athletic Injury/Illness.....	3
HPS	2860 ²	Therapeutic Modalities in Sports Medicine.....	3
HPS	2861 ²	Athletic Training Clinical Experience II.....	1
HPS	3300	Anatomical Kinesiology.....	3
HPS	3340	Physiology of Exercise.....	3

HPS	3830 ³	Upper Body Injury Evaluation.....	3
HPS	3831 ³	Athletic Training Clinical Experience III.....	2
HPS	3850 ⁴	Lower Body Injury Evaluation.....	3
HPS	3851 ⁴	Athletic Training Clinical Experience IV.....	2
HPS	4660	Legal Liability for Physical Educators, Coaches, and Administrators.....	3
HPS	4750 ⁵	Upper Body Injury Rehabilitation.....	3
HPS	4751 ⁵	Athletic Training Clinical Experience V.....	3
HPS	4770 ⁶	Lower Body Injury Rehabilitation.....	2
HPS	4771 ⁶	Athletic Training Clinical Experience VI.....	3
HPS	4850	Seminar in Athletic Training.....	3
NUT	2040	Introduction to Nutrition.....	3
NUT	3200	Nutrition and Sport Performance.....	3
<i>Total</i>			65

¹ HPS 2220 and HPS 2221 must be taken concurrently in the fall semester.

² HPS 2860 and HPS 2861 must be taken concurrently in the spring semester.

³ HPS 3830 and HPS 3831 must be taken concurrently in the fall semester.

⁴ HPS 3850 and HPS 3851 must be taken concurrently in the spring semester.

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Proposed Catalog Entry

Athletic Training Major - Major

REQUIRED COURSES.....			SEMESTER HOURS
BIO	2320	Human Anatomy and Physiology II.....	4
HES	3820	Health Care Counseling.....	3
HPS	1623	Prevention and Care of Athletic Injuries.....	3
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HPS	2060	Emergency Rescue/First Responder.....	3
HPS	2220 ¹	Foundations of Athletic Health Care.....	3
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a. Description of the planned method(s) of program delivery.

The ATEP courses will be delivered via a combination of didactic, laboratory and clinical/experiential methods in order to integrate the conceptual with the clinical applications of competencies required of ATC's.

7. Admission, Transfer and Graduation Requirements – Identical to Current Catalog Listing:

a. Admissions requirements for the proposed program, including any enrollment limitations a sample curriculum indicating all required courses

In order to remain in compliance with the following CAATE standards, the following admission requirements are currently in place for the MSCD ATEP:

Standard E1 - Program Admission Criteria to Include

E1.11 technical standards

E1.12 competitive admission process

Standard F1 - Health and Safety

F1.2 immunization review

F1.3 evidence of a physical examination that is maintained by the institution in accordance with established confidentiality statutes

Standard G1 - Student Records

G1.6 written documentation of a physical examination, including immunizations, by a MD/DO, NP or PA

G1.9 written documentation of current first aid, CPR, AED training consistent with the *Athletic Training Educational Competencies*

Submit three professional references. One form should be from a college faculty member (MSCD athletic training faculty are excluded). (*Standard E1.12*)

Write and submit a brief summary of professional goals and objectives, indicating sincere interest and commitment to the athletic training profession. (*Standard E1.12*)

Please print an unofficial CAPP report from Banner or provide transcripts in order to prove the following:

A) Completion of the following courses with a “C” or better:
General Biology with Lab – BIO 1080 & BIO 1090 (*required pre-requisite for BIO 2310*)
Care and Prevention of Athletic Injuries – HPS 1623
Emergency Rescue/1st Responder & CPR – HPS 2060 (*Standard G1.9*)

B) Completion of a minimum of 12 semester hours with a cumulative grade point average (GPA) of 2.5 or higher on a 4-point scale, or 3.0 or better in the last 30 credit hours completed (*Standard E1.12*)

4. Provide proof of current immunizations for DPT, MMR, hepatitis B (or HBV declination) and TB. **It is required that you prove a negative TB skin test no more than 6 years old. (*Standard F1.2 and G1.6*)
5. Proof of completion of physical examination by a MD, DO, NP, or PA. (*Standard F1.3 and G1.6*)

All potential ATEP students are given a packet that contains all necessary forms. In addition to simply being given the packet, ATEP faculty meet with all potential students in order to explain the aforementioned admission requirements.

All materials listed above must be submitted as a packet to the ATEP Director no later than March 1st in order to be considered for continuation and beginning the athletic training sequenced courses. Please note that missing documents may delay or prevent you from entering the clinical portion of the ATEP. Following submission of these materials, an interview will be scheduled with the athletic training faculty. Students will be notified of their status in the MSCD ATEP within 30 days of their interview.

b. Requirements for transfer students and any actual or planned articulation agreements.

Transfer students’ transcripts are evaluated on an individual basis in regards to acceptable athletic training specific courses. General studies transfer credits are determined by MSCD’s admissions staff. All transfer students must complete the required admissions standards listed in the catalog.

Because of essential course sequencing and six semesters of required clinical experience, it is unrealistic to implement any articulation agreements.

- c. Describe the specific standards for continuing in the program and graduating from it if these are different than institutional requirements.

Graduation: All ATEP students are required to maintain a cumulative GPA of 2.5 and a GPA of 2.75 in the major classes. Since our clinical/experiential courses are mandatory every semester, this is equivalent to an internship, this requirement is in place in order to remain consistent with other programs in the HPS department that require a minimum GPA of 2.75 before starting and internship or student teaching.

In order to remain compliant with CAATE standard E1.11a all athletic training students enrolled in the clinical portion of the ATEP will be required to purchase and maintain individual/personal athletic training student malpractice/liability insurance. These insurance policies cost approximately \$35.00 - \$50.00 per year and must have coverage in the amount of \$1,000,000/\$3,000,000.

8. Current ATEP Faculty:

- a. Provide a listing of faculty participating in the proposed program that includes: name, rank, specialization, nature of appointment and degrees earned.

Name	Rank/Appointment	Specialization	Highest Degree Earned & Field
Daylene Chandler, ATC	Adjunct Instructor Part Time	Athletic Training	Masters – Exercise Science – Emphasis: Sports Medicine
Greg Holm, ATC	Adjunct Instructor Part Time	Athletic Training	Masters – Athletic Health Care
Theresa Miyashita, ATC	Visiting – Instructor Full Time	Athletic Training	Masters – Athletic Training **Doctoral Student: Education Interdisciplinary Studies – Biomedical Sciences Expected Graduation: Spring 2011
Christine Odell, ATC	Instructor – Tenure Track	Athletic Training Education	Masters – Education/Curriculum **Doctoral Student: Education Interdisciplinary Studies – Health and Exercise Science Expected Graduation: Spring 2010

Kas Parsons,	Visiting Assistant Professor	Adult Fitness	Masters - Education
Joe Quatrochi,	Professor, Tenured	Adult Fitness – Exercise Physiology	PhD, Health Promotion & Exercise Science
Marc Rabinoff	Professor, Tenured	Legal Liabilities in HPS	EdD – Physical Education
Benjamin Thompson	Assistant Professor, Tenure Track	Adult Fitness – Exercise Physiology	PhD, Exercise Science

** Currently there are no accredited doctoral programs specific to Athletic Training

b. Indicate any new faculty or staff required to implement the proposed program and the qualifications they represent.

No new faculty or staff will be required in order for the Athletic Training concentration to be changed to an Athletic Training Major.

c. Describe the ethnic and gender composition of the faculty and staff involved in the program.

Adjunct Faculty	1 Female (Caucasian)	1 Male (Caucasian)
Full-time Tenured Faculty	0 Female	2 Male (Caucasian)
Full-time Tenure Track Faculty	1 Female (Caucasian)	1 Male (Caucasian)
Visiting Full-time Faculty	2 Female (Caucasian)	0 Male

9. Quality Assurance:

a. Describe any regional or professional accreditation or licensure requirements that have helped shape the proposed program.

In order for students to have the opportunity to take the National Athletic Trainers’ national certification examination, they must graduate from a CAATE accredited curriculum program, hence accreditation is mandatory.

The MSCD ATEP has been fully accredited by CAATE since April, 2005. This is an ongoing accreditation and we are due for reaccreditation starting in September, 2009. The self study will be due to CAATE no later than September 15, 2009 and our site visit will occur during the spring semester of 2010.

b. Have external advisory groups or consultants been used in the development of the proposal? If so, please describe their use. Append any reports or summaries from these groups/individuals.

Since the Athletic Training Concentration has been in existence, the external advisory board is now utilized to promote program excellence, discuss program content and student outcomes. The MSCD advisory board is comprised of:

Dr. Douglas Foulk – MSCD ATEP Medical Director
Greg Holm, MS, ATC – MSCD Head Athletic Trainer
Kelly Brick, MS, ATC – Kennedy High School (DPS) Head Athletic Trainer
Jennifer McIntosh, PT, ATC – Colorado School of Mines – Head Athletic Trainer
Stephanie Bagley, MA, ATC – Colorado School of Mines – Assistant Athletic Trainer
Wendy Holm, PA, ATC – Physician Assistant, Private Practice

We are planning on adding representatives from Cherry Creek and Jefferson County Public Schools before our spring 2009 meeting.

c. Describe the program of assessment of student outcomes that will be utilized for the proposed program.

Currently the MSCD utilizes several program assessment tools:

- 1) all seniors complete a formal exit interview with the ATEP director
- 2) all seniors complete an anonymous exit survey that addresses overall satisfaction of their educational experiences including all learning environments, educational content and quality of clinical instruction
- 3) assessment of student learning is embedded in all didactic and clinical courses: ATEP students are required to demonstrate competence in professional writing, and verbal communication via written assignments, individual presentations, group presentations, and oral/practical examinations
- 4) number of MSCD ATEP graduates who pass the Board of Certification for Athletic Training national certification exam
- 5) all Approved Clinical Instructors (ACI's) are asked to complete an assessment survey regarding the quality and effectiveness of the MSCD ATEP
- 6) all clinical students are evaluated twice per semester by their respective ACI's

10. Resource Issues:

a. Enrollment Projections

Since 2002 according to the MSCD Office of Institutional Research Data Book, the number of declared majors remained fairly constant:

Fall 2002	45	Fall 2006	45
Fall 2003	41	Fall 2007	38
Fall 2004	43	Fall 2008	45
Fall 2005	42		
Fall 2006	45		

The number of graduates decreased dramatically when athletic trainers needed to graduate from an accredited program. That number rebounded and is poised for additional growth.

2002-03	11	2006-07	9
2003-04	9	2007-08	5
2004-05	1	2008-09	8 (estimate)
2005-06	4		

The following table provides conservative estimates for future growth of the program. The cohort of 25 sophomores in the first of six clinical experiences may indicate additional growth, even accounting for attrition. Furthermore, enhanced visibility of the program as a separate major may attract additional students to the program.

	Year 1	Year 2	Year 3	Year 4	Year 5	Full Implementation
In-state Headcount	45	50	50	55	60	60
Out-of-state Headcount	0	0	0	0	0	0
Program Headcount	45	50	50	55	60	60
In-state FTE	33.0	36.7	36.7	40.3	44.0	44.0
Out-of-state FTE	0	0	0	0	0	0
Program FTE	33.0	36.7	36.7	40.3	44.0	44.0
Program Graduates	8	8	10	10	12	12

b. Provide physical estimates for the proposed program.

Current physical resources are adequate for the size of the program. Additional physical space will only be necessary as our program grows, however, any additional needs of the ATEP will coincide with the current HPS strategic plan.

c. Provide projected expense and revenue estimates for the first five years (Table 2).

	Estimated Amount in Dollars				
	Year 1	Year 2	Year 3	Year 4	Year 5
Enrollment Revenue:					
State Support	\$ 91,080	\$101,200	\$101,200	\$111,320	\$121,440
Cash Revenue: Tuition	\$107,860	\$119,845	\$119,845	\$131,830	143,814
Cash Revenue: Fees	\$ 1,653	\$ 1,839	\$ 1,839	\$ 2,019	\$ 2,204
Other Revenue					
Total Program Revenue	\$200,593	\$252,399	\$252,399	\$277,639	\$302,879
Operating Expenses:					
Faculty	\$ 113,124	\$113,124	\$127,640	\$127,640	\$127,640
Program Administration	\$10,000	\$10,000	\$10,000	\$10,000	\$10,000
Instructional Materials	\$3000	\$3000	\$3000	\$3000	\$3000
Total Program Expenses	\$126,124	\$126,124	\$140,640	\$140,640	\$140,640

State Support: The State Support Revenue line was generated by multiplying the in-state students by \$2,024 which is the current COF stipend for a student taking 22 credits per year.

Cash Revenue: Tuition: MSCD charges tuition per credit hour. It was assumed that students in the Nutrition Program would be taking an average of 11 hours per semester (roughly half of the 22 credits that MSCD students took on average during Spring and Fall 2008). At the present time an in-state student taking 11 hours pays \$1,029.60 in tuition; an out-of-state student taking 11 hours pays \$4,425.85.

Cash Revenue: Program Fees: Both in-state and out-of-state students pay \$1.67 per credit hour for HPS courses.

Faculty: Faculty expenses include salary and benefits the two tenure-track faculty (a tenure-track Assistant Professor will be hired for Fall 2009, in addition to the existing tenure-track Instructor), and salary for affiliate faculty. In order to be in compliance with CAATE standard

B1.14, the ATEP director is assigned 3 hours of reassigned time in order to meet the administrative responsibilities of the position. Faculty raises are not included in the projection, but the current tenure-track Instructor's salary would increase upon completion of a doctorate, expected in Spring 2010.

Program Administration: The administrative costs associated with the reassigned time for the program coordinator (3 teaching load hours per semester) are included in the faculty expenses. Two classified staff members support the department.

d. Discuss the resource impact of the proposed program on instructional technology and library resources.

There will be no additional impact on instructional technology or library resources with the implantation of an Athletic Training major opposed to an Athletic Training concentration.

e. Provide a brief narrative on the source of resources to fully implement the proposed program.

The MSCD accredited Athletic Training Education program has been fully implemented since August, 2004, hence, no additional resources will be required to convert the concentration into a major.

f. Provide a brief narrative and explanation of the economic impact, if any, of the new program.

Since the athletic training concentration is an existing program, there will not be any additional economic impact to change it to a dedicated major.

11. Provide any other relevant information that will help illuminate the review and approval process.

MSCD has proven its commitment to the Athletic Training discipline and has had a concentration in Athletic Training for at least 20 years. Converting the Athletic Training concentration to a dedicated major will be an impact in wording only. Our current ATEP is growing and our graduates are thriving in the community. We have had students accepted to graduate athletic training programs, physical therapy school and we have had several graduates enter the work force directly after earning their bachelor degrees.

MSCD offers a unique experience for athletic training students. Other Colorado institutions that offer an athletic training education program, do not have the capacity to offer the diverse clinical experiences available to our students. MSCD athletic training students are privileged to be able to work with ATC's from a variety of public high schools in addition to ATC's in the collegiate and clinical settings. MSCD ATEP students are given the opportunity to be immersed in a professional, diverse learning community where they are able hone their own professional skills as well as begin to develop professional relationships within the athletic training community.

The MSCD ATEP is an integral part of the department of Human Performance and Sport. Besides teaching core athletic training courses, athletic training faculty also teach courses that serve two other HPS programs: Adult Fitness & Exercise Science and K-12 Physical Education.