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| For Academic Affairs and Research Use Only | |
| Proposal Number |  |
| CIP Code: |  |
| Degree Code: |  |

**New or Modified Course Proposal Form**

**[ ] Undergraduate Curriculum Council**

**[X] Graduate Council**

|  |
| --- |
| **[ ]New Course, [ ]Experimental Course (1-time offering), or [X]Modified Course (Check one box)** |

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

|  |  |
| --- | --- |
| Robert Bradley 1/19/2022 **Department Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **COPE Chair (if applicable)** |
| Robert Bradley 1/19/2022 **Department Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Head of Unit (if applicable)** |
| |  |  | | --- | --- | | Mary Elizabeth Spence | 1/24/2022 | | **Office of Assessment** |  | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Undergraduate Curriculum Council Chair** |
| Shanon Brantley 2/21/2022 **College Curriculum Committee Chair** | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Enter date…  **Graduate Curriculum Committee Chair** |
| Scott E. Gordon 2/21/2022 **College Dean** | Alan Utter 2/23/2022  **Vice Chancellor for Academic Affairs** |
| |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **General Education Committee Chair (if applicable)** |  |

1. **Contact Person (Name, Email Address, Phone Number)**

Robert Bradley, [rbradley@astate.edu](mailto:rbradley@astate.edu), x3766

1. **Proposed starting term and Bulletin year for new course or modification to take effect**

Fall 2022.

**Instructions:**

*Please complete all sections unless otherwise noted. For course modifications, sections with a “Modification requested?” prompt need not be completed if the answer is “No.”*

|  |  |  |
| --- | --- | --- |
|  | **Current (Course Modifications Only)** | **Proposed (New or Modified)**  *(Indicate “N/A” if no modification)* |
| **Prefix** | **AT** | **AT** |
| **Number\*** | **5804** | **5803** |
| **Title** | **Pharmacology & nutritional considerations in athletic training**  **Abbreviated Title: Pharm & Nut in AT** | **Pharmacology & nutritional considerations in athletic training**  **Abbreviated Title: Pharm & Nut in AT** |
| **Description\*\*** | **Exploration of the pharmaceutical and nutritional factors related to sport performance, injury prevention, therapeutic interventions and patient education.** | **Exploration of the pharmaceutical and nutritional factors related to sport performance, injury prevention, therapeutic interventions and patient education.** |

***\**** (Confirm with the Registrar’s Office that number chosen has not been used before and is available for use. For variable credit courses, indicate variable range. *Proposed number for experimental course is 9*. )

\*\*Forty words or fewer as it should appear in the Bulletin.

1. **Proposed prerequisites and major restrictions** **[Modification requested? NO]**

(Indicate all prerequisites. If this course is restricted to a specific major, which major. If a student does not have the prerequisites or does not have the appropriate major, the student will not be allowed to register).

1. **Yes** Are there any prerequisites?
   1. If yes, which ones?

Students must complete the following courses to be eligible to take this new course: AT 5103 and AT 5203.

* 1. Why or why not?

This is an introductory course.

1. **Yes** Is this course restricted to a specific major?
   1. If yes, which major? Master of Athletic Training
2. **Proposed course frequency [Modification requested? NO]**

(e.g. Fall, Spring, Summer; if irregularly offered, please indicate, “irregular.”) *Not applicable to Graduate courses.*

Fall

1. **Proposed course type [Modification requested? No]**

Will this course be lecture only, lab only, lecture and lab, activity (e.g., physical education), dissertation/thesis, capstone, independent study, internship/practicum, seminar, special topics, or studio? Please choose one.

Lecture and lab.

1. **Proposed grade type [Modification requested? No]**

What is the grade type (i.e. standard letter, credit/no credit, pass/fail, no grade, developmental, or other [please elaborate])

Standard Letter

1. **No** Is this course dual-listed (undergraduate/graduate)?
2. **No** Is this course cross-listed?

*(If it is, all course entries must be identical including course descriptions. Submit appropriate documentation for requested changes. It is important to check the course description of an existing course when adding a new cross-listed course.)*

**a.** – If yes, please list the prefix and course number of the cross-listed course.

Enter text...

**b.** – **Yes / No** Can the cross-listed course be used to satisfy the prerequisite or degree requirements this course satisfies?

Enter text...

1. **No** Is this course in support of a new program?

a. If yes, what program?

Enter text...

1. **No** Will this course be a one-to-one equivalent to a deleted course or previous version of this course (please check with the Registrar if unsure)?

a. If yes, which course?

Enter text...

**Course Details**

1. **Proposed outline** **[Modification requested? No]**

(The course outline should be topical by weeks and should be sufficient in detail to allow for judgment of the content of the course.)

This course will be instructed twice a week, every week for the entire semester.

|  |  |  |  |
| --- | --- | --- | --- |
| Day | Topic | Standard | Assignment/Prep |
| 1 | Introduction: Chapter 1: Carbo |  |  |
| 2 | Chapter 2: Protein |  |  |
| 3 | Chapter 3: Fat |  |  |
| 4 | Chapter 4: Vit, Min, water |  |  |
| 5 | Chapter 5: Diet |  |  |
| 6 | Chapter 6: Exercise Phys | 55 |  |
| 7 | Chapter 7: Optimal performance | 57 |  |
| 8 | Chapter 8:Thermoregulation | 57,83 |  |
| 9 | Exam #1 |  | Assignment 1 due |
| 10 | Chapter 9: Competitive athletes | 57 |  |
| 11 | Chapter 10: Supplements | 57,84 |  |
| 12 | Exam #2 |  |  |
| 13 | Assignment #2 due |  | Assignment #2 due |
| 14 | Chapter 12: Weight management |  |  |
| 15 | Chapter 14: Illness and Injury | 57, 79 |  |
| 16 | Chapter 15: Disorders | 57,77,94 |  |
| 17 | Chapter 13: Live cycle | 57,79 |  |
| 18 | Chapter 16: Special needs | 57 | Assignment #3 due |
| 19 | Midterm Exam |  |  |
| 20 | Pharmacodynamic Principles | 75 | Houglum et al - Chap 3 |
| 21 | Medication Management, Legal and Professional Standards | 75 | Houglum et al - Chap 4 |
| 22 | Exam |  |  |
| 23 | Drugs for Treating Infections | 74, 75 | Houglum et al - Chap 5 |
| 24 | Drugs for Treating Inflammation | 74, 75 | Houglum et al - Chap 6 |
| 25 | Opioids Drugs for Treating Pain | 74, 75 | Houglum et al - Chap 7 |
| 26 | Drugs for Relaxing Skeletal Muscle | 74, 75 | Houglum et al - Chap 8 |
| 27 | Drugs for Treating Asthma | 74, 75 | Houglum et al - Chap 9 |
| 28 | Drugs for Treating Colds and Allergies | 74, 75 | Houglum et al - Chap 10 |
| 29 | Drugs for Treating Gastrointestinal Disorders | 74, 75 | Chap 11 |
| 30 | Drugs for Treating Hypertension and Heart Disease | 74, 75 | Chap 12 |
| 31 | Drugs for Treating Psychiatric Disorders | 74, 75 | Chap 13 |
| 32 | Drugs for Treating Diabetes Mellitus | 74, 75 | Chap 14 |
| 33 | Exam |  |  |
| 34 | Herbal and Fitness Supplements | 84 | Chap 15 |
| 35 | Alcohol, Tobacco & Other (Recreational) Drugs, and A.P.P.L.E Slices | 84 |  |
| 36 | Performance-Enhancing Drugs | 84 | Chap 16 |
| 37 | Drug Testing in Sports |  | Chap 17 |
| 38 | Student presentations |  |  |
| 39 | Final exam |  |  |

1. **Proposed special features** **[Modification requested? No]**

(e.g. labs, exhibits, site visitations, etc.)

There will be no special features.

1. **Department staffing and classroom/lab resources**

No need for any changes to staffing or classroom/lab resources

1. Will this require additional faculty, supplies, etc.?

**No**

1. **Yes** Does this course require course fees?

*If yes: please attach the New Program Tuition and Fees form, which is available from the UCC website.*

**Justification**

**Modification Justification (Course Modifications Only)**

1. Justification for Modification(s)
   1. The current hour load of 4 hours puts the students over the 15 hour limit for graduate courses. Additionally, as the instructor of this course, I believe we can adequately cover all of the material in a 3 hour course rather than a 4 hour course.

**New Course Justification (New Courses Only)**

1. Justification for course. Must include:

a. Academic rationale and goals for the course (skills or level of knowledge students can be expected to attain)

b. How does the course fit with the mission of the department? If course is mandated by an accrediting or certifying agency, include the directive.

c. Student population served.

d. Rationale for the level of the course (lower, upper, or graduate).

**Assessment**

**Assessment Plan Modifications (Course Modifications Only)**

1. **NO** Do the proposed modifications result in a change to the assessment plan?

*If yes, please complete the Assessment section of the proposal*

**Relationship with Current Program-Level Assessment Process (Course modifications skip this section unless the answer to #18 is “Yes”)**

1. What is/are the intended program-level learning outcome/s for students enrolled in this course? Where will this course fit into an already existing program assessment process?

The learning outcome for this course will follow the outcome listed in our framework.

1. Students will provide excellent patient care.
   1. Students will provide evidence-based patient care.
2. Students will think critically and apply knowledge to the field of athletic training
   1. Students will be able to critically analyze, interpret and apply the results of published research and apply the findings to professional practice.
3. Considering the indicated program-level learning outcome/s (from question #19), please fill out the following table to show how and where this course fits into the program’s continuous improvement assessment process.

*For further assistance, please see the ‘Expanded Instructions’ document available on the UCC - Forms website for guidance, or contact the Office of Assessment at 870-972-2989.*

|  |  |
| --- | --- |
| **Program-Level Outcome 1 (from question #23)** |  |
| Assessment Measure |  |
| Assessment  Timetable |  |
| Who is responsible for assessing and reporting on the results? |  |

*(Repeat if this new course will support additional program-level outcomes)*

**Course-Level Outcomes**

1. What are the course-level outcomes for students enrolled in this course and the associated assessment measures?

|  |  |
| --- | --- |
| **Outcome 1** | Students will provide evidence-based patient care to their active patient population |
| Which learning activities are responsible for this outcome? | Students will participate in in-class discussions, participate in individual assignments and class examinations. |
| Assessment Measure | Exams, quizzes, assignments |

*(Repeat if needed for additional outcomes)*

|  |  |
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| **Outcome 2** | Students will think critically and apply their knowledge of nutritional and pharmacological concerns with their active patient population. |
| Which learning activities are responsible for this outcome? | Students will participate in in-class discussions, participate in individual assignments and class examinations. |
| Assessment Measure | Exams, quizzes, assignments |

**Bulletin Changes**

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| --- |
| **Instructions** |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Please include a before (with changed areas highlighted) and after of all affected sections.**  **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.** |

**Pages 389-390 BEFORE**

AT 5103. Emergency Management of Injury and Illness Students will learn to recognize the signs and symptoms of acute injury and illness, assess patients using evidence-based methods, apply appropriate treatments, make appropriate referral decisions, and implement effective prevention strategies to reduce the risk of injury and illness. Restricted to Master of Athletic Training.

AT 5203. Athletic Training Techniques Serves as an introduction to athletic training practice. Emphasis on the prevention, care, and management of acute injuries and illnesses, as well as risk management, and protective taping and equipment. Restricted to Master of Athletic Training.

AT 5303. Gross Anatomy Regional approach to the musculoskeletal, peripheral nervous, and circulatory systems of the human body. Laboratories reinforce the lectures by a study of osteology, prosected cadavers and live anatomy palpations. Restricted to Master of Athletic Training.

AT 5403. Principles of Evidence Based Practice Develop skills for evidence-based practitioners in health care. Students will develop the skills necessary to critically review and use evidence in the field of athletic training. Restricted to Master of Athletic Training.

AT 5503. Clinical Education in Athletic Training I Builds on skills previously acquired and introduces new skills related to current coursework. Students will be assigned to a clinical education rotation under the direct supervision of a clinical preceptor. This is the first in the series of four clinical courses. Restricted to Master of Athletic Training.

AT 5513. Clinical Education in Athletic Training II Expands on skills previously acquired and introduces new skills related to current coursework. Students will be assigned to a clinical education rotation under the direct supervision of a clinical preceptor. Second in the series of four clinical courses. Restricted to Master of Athletic Training.

AT 5606 Orthopedic Assessment Provides a study of anatomy and physiology, assessment, evaluation techniques, treatment, and management of conditions affecting the lower extremities, upper extremity, and spine.

AT 5703. Therapeutic Interventions I: Therapeutic Modalities Physiology, indications, contraindications, and the application of therapeutic modalities for athletic injuries. Restricted to Master of Athletic Training.

AT 5713. Therapeutic Interventions II: Therapeutic Exercise Theories and application methods of comprehensive therapeutic exercise programs for injuries commonly sustained by the physically active. Restricted to Master of Athletic Training.

AT 5723. Therapeutic Interventions III: Therapeutic Rehabilitation and Manual Therapies

Theories and application methods of comprehensive therapeutic rehabilitation programs for injuries commonly sustained by the physically active and manual therapy techniques for athletic injuries. Restricted to Master of Athletic Training.

AT 5804. Pharmacology and Nutritional Considerations in Athletic Training Exploration of the pharmaceutical and nutritional factors related to sport performance, injury prevention, therapeutic interventions and patient education.

AT 6103. Medical Assessment Examines the recognition, assessment, and management of general medical conditions and illnesses. Restricted to Master of Athletic Training.

AT 6403. Athletic Training and Healthcare Administration Explores leadership, organization, administration, and legal issues in athletic training. Topics include leadership; insurance; ethics; professional development; the planning, organization, operations, and assessment of athletic training programming and facilities. Fiscal and risk management will also be examined. Restricted to Master of Athletic Training.

AT 6506. Clinical Education in Athletic Training III Expands on skills previously acquired and introduces new skills related to current coursework. Students will be assigned to a clinical education rotation under the direct supervision of a clinical preceptor. Third in the series of four clinical courses. Restricted to Master of Athletic Training. Prerequisites, AT 5513. Fall.

AT 6514. Clinical Education in Athletic Training IV Expands on skills previously acquired and introduces new skills related to current coursework. Students will be assigned to a clinical education rotation under the direct supervision of a clinical preceptor. Restricted to Master of Athletic Training. Prerequisite, AT 6506. Spring.

AT 6802. Seminar in Athletic Training In this course, students will examine current event and research topics relating to athletic training in depth as they prepare for a transition to professional practice, BOC examination, and their research project. Restricted to Master of Athletic Training.

AT 6803. Psychology of Sport and Injury Through the usage of both real and hypothetical case studies, the course will examine the field of sport/performance psychology and its role in the broader field of sports medicine. Restricted to Master of Athletic Training.

AT 6812. Athletic Training Capstone In this capstone course in the final semester, This course involves supervised development of a one-semester scholarly project that synthesizes the student’s educational and clinical experiences obtained while matriculating through the MAT program. Restricted to Master of Athletic Training.

AT 6903. Clinical Decision Making in Athletic Training A capstone course designed for making models for clinical reasoning and decision making; factors influencing clinical decisions; management of complex patient problems. Restricted to Master of Athletic Training.

Communication Disorders (CD)

CD 5063. Multicultural Issues in Communication Disorders A study of multicultural issues applicable to providing speech-language-hearing services. Nonbiased assessment and culturally relevant intervention procedures and strategies will be offered. Dual listed as CD 4063.

CD 5254. Neurological Bases and Disorders of Human Communication A survey of the normal structure and function of the nervous system in human communication and resulting disorders that occur due to neurological dysfunction.

CD 5303. Language Intervention for Individuals with Mild Disabilities Assessment procedures for evaluating language disorders and language intervention procedures for individuals with mild disabilities.

CD 5403. Aural Rehabilitation Methods of instruction in auditory training, speech reading, and hearing aid orientation.

**Pages 389-390 AFTER**

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| **University Requirements** |  |
| See Graduate Degree Policies for additional information (p. 38) |  |
| **Program Requirements:** | Sem. Hrs. |
| AT 5103, Emergency Management of Injury and Illness | 3 |
| AT 5203, Athletic Training Techniques | 3 |
| AT 5303, Gross Anatomy | 3 |
| AT 5403, Principles of Evidence Based Practice | 3 |
| AT 5503, Clinical Education in AT I | 3 |
| AT 5513, Clinical Education in AT II | 3 |
| AT 5606, Orthopedic Assessment | 6 |
| AT 5703, Therapeutic Interventions I: Therapeutic Modalities | 3 |
| AT 5713, Therapeutic Interventions II: Therapeutic Exercise | 3 |
| AT 5723, Ther. Interventions III: Ther. Rehab & Manual Therapies | 3 |
| AT 5803, Pharmacological and nutritional considerations in Athletic Training | 3 |
| AT 6103, Medical Assessment | 3 |
| AT 6403, Athletic Training & Healthcare Administration | 3 |
| AT 6506, Clinical Education in AT III | 6 |
| AT 6514, Clinical Education in AT IV | 4 |
| AT 6802, Seminar in Athletic Training | 2 |
| AT 6803, Psychology of Sport and Injury | 3 |
| AT 6812, Athletic Training Capstone Project | 2 |
| AT 6903, Clinical Decision Making in AT | 3 |
| Sub-total | 62 |
| Total Required Hours: | 62 |