**ATHLETIC TRAINING - ATH**

**ATH 132 Practicum in Athletic Training** 2 Credits  
Didactic and psychomotor skill instruction with practical examinations. Examinations are an integral portion of the acceptance criteria for the program.  
**Prerequisite:** minimum grade of C in both BIO 114 & BIO 114L, and minimum overall GPA of 2.0.  
**Offered:** spring 2017 only.

**ATH 170 Emergency Care and Introduction to Athletic Training** 3 Credits  
Recognition and immediate care of common illnesses and injuries. Introduction to the profession of Athletic Training.  
**Offered:** fall 2016 Only.

**ATH 231 Practicum in Athletic Training** 1 Credit  
Clinical experiences in athletic training. Instruction provided by professionals from various academic institutions, e.g., secondary schools and colleges. Experiences and course material provide acquisition of clinical competency of previously instructed psychomotor skills.  
**Prerequisite:** minimum grade of C in ATH 132. **Restriction:** acceptance into the athletic training education program.  
**Offered:** fall.

**ATH 232 Practicum in Athletic Training** 1 Credit  
Clinical experiences in athletic training. Instruction provided by professionals from various academic institutions, e.g., secondary schools and colleges. Experiences and course material provide acquisition of clinical competency of previously instructed psychomotor skills.  
**Prerequisite:** minimum grade of C in ATH 231.  
**Offered:** spring.

**ATH 261 Diagnosis of Injuries/Illnesses I** 3 Credits  
Theoretical, practical, empirical study of lower extremity, lumbar spine diagnosis and associated illnesses.  
**Prerequisite:** minimum grade of C in ATH 132. **Corequisite:** ATH 231 & ATH 261L.  
**Offered:** fall.

**ATH 261L Diagnosis of Injuries/Illnesses Lab** 1 Credit  
Laboratory to accompany ATH 261.  
**Offered:** fall.

**ATH 262 Diagnosis of Injuries/Illnesses II** 3 Credits  
Theoretical, practical, empirical study of upper extremity, thorax, head and cervical spine diagnosis and associated illnesses.  
**Prerequisite:** minimum grade of C in both ATH 231 & ATH 261. **Corequisite:** ATH 232 & ATH 262L.  
**Offered:** spring.

**ATH 262L Diagnosis of Injuries/Illnesses II Lab** 1 Credit  
Laboratory to accompany ATH 262.  
**Offered:** spring.

**ATH 300 General Medical Diagnostics and Interventions** 3 Credits  
Theoretical, practical, empirical study of general medical conditions, commonly used diagnostics and interventions for the athletic trainer.  
**Prerequisite:** minimum grade of C in both ATH 231 & ATH 261.  
**Offered:** spring of even-numbered years.

**ATH 309 Pathophysiology and Pharmacology for Athletic Trainers** 3 Credits  
Discussion of the physiologic changes that occur following injuries and illness. Discussion of indications, contraindications and legal issues regarding medications used in the management of athletic injuries.  
**Corequisite:** ATH 231 or ATH 331.  
**Offered:** fall of even numbered years.

**ATH 331 Practicum in Athletic Training** 1 Credit  
Clinical experiences in athletic training. Instruction provided by professionals from various academic institutions, e.g., secondary schools and colleges. Experiences and course material provide acquisition of clinical competency of previously instructed psychomotor skills.  
**Prerequisite:** minimum grade of C in ATH 232.  
**Offered:** fall.

**ATH 332 Practicum in Athletic Training** 1 Credit  
Clinical experiences in athletic training. Instruction provided by professionals from various academic institutions, e.g., secondary schools and colleges. Experiences and course material provide acquisition of clinical competency of previously instructed psychomotor skills.  
**Prerequisite:** minimum grade of C in ATH 331.  
**Offered:** spring.

**ATH 342 Therapeutic Modalities** 3 Credits  
Therapeutic modality use in treatment of orthopedic injuries. Physics, physiological effects, rationale and application of modalities in health care of patients. Practical examinations.  
**Prerequisite:** minimum grade of C in ATH 132. **Corequisite:** ATH 231 & ATH 342L.  
**Offered:** fall.

**ATH 342L Therapeutic Modalities Lab** 1 Credit  
Laboratory to accompany ATH 342.  
**Corequisite:** ATH 342.  
**Offered:** fall.

**ATH 343 Therapeutic Exercise** 3 Credits  
Contemporary exercise and clinical intervention techniques used in the management of orthopedic injuries. Biomechanics, physiological effects, rationale and application of exercise techniques and devices. Practical examination.  
**Prerequisite:** minimum grade of C in KIN 235. **Corequisite:** ATH 232 & ATH 343L.  
**Offered:** spring.

**ATH 343L Therapeutic Exercise Lab** 1 Credit  
Laboratory to accompany ATH 343.  
**Corequisite:** ATH 343.  
**Offered:** spring.

**ATH 361 Psychology of Sport and Mental Health** 3 Credits  
This course address sport psychology from a sports studies perspective incorporating interdisciplinary knowledge from the social sciences. It is an appropriate approach for many students seeking to understand the psychological processes facing athletes in a competitive environment. Considerable interest surrounds the efforts of sport psychologists to optimize the performance of those characters we call athletes - the sport heroes of our society. Superior athletic performance has long held great intrigue. Tremendous improvements in the identification and measurement of the psychological factors related to athletic performance have resulted in significant improvements in an athlete's ability to produce top level performance on a consistent basis. This course focuses on the application of these psychological principles by athletes, coaches and sport psychology consultants in what has been a quest to produce the ultimate athlete.  
**Fulfills College Core:** Field 5 (Social Sciences)  
**Offered:** fall & spring.
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<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Description</th>
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<tbody>
<tr>
<td>ATH 372</td>
<td>Health Issues for Athletic Trainers</td>
<td>3</td>
<td>Current content and practices related to personal, school and community health as it relates to the management of injury and illness. Offered: fall of odd numbered years.</td>
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<tr>
<td>ATH 398</td>
<td>Statistics and Research Design</td>
<td>3</td>
<td>Application and interpretation of descriptive and inferential statistics. Library search techniques and research design as related to evidence based practice. Includes the use of statistical software, data collection, and creation and presentation of a research poster. Prerequisite: minimum grade of C in KIN 235. Fulfills College Core: Field 7 (Mathematical Sciences) Offered: fall &amp; spring.</td>
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<tr>
<td>ATH 431</td>
<td>Practicum in Athletic Training</td>
<td>3</td>
<td>Clinical experiences in athletic training. Instruction provided by professionals from various academic institutions, e.g., secondary schools and colleges. Experiences and course material provide acquisition of clinical competency of previously instructed psychomotor skills. Prerequisite: minimum grade of C in ATH 232. Restriction: acceptance into the athletic training education program. Offered: fall.</td>
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<tr>
<td>ATH 482</td>
<td>Administration of Athletic Training</td>
<td>3</td>
<td>Theoretical, practical and empirical study of administrative requirements of the athletic trainer relative to facility design, duties, liability, drug testing, nomenclature and injury epidemiology. Prerequisite: minimum grade of C in both ATH 231 &amp; ATH 261. Offered: spring of even-numbered years.</td>
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<tr>
<td>ATH 498</td>
<td>Internship in Athletic Training</td>
<td>3</td>
<td>Field-based experience in athletic training or related health care field. Requires 150 clock hours over twelve weeks. Prerequisites: ATH 331 grades of C or above, Permission of Chair then Associate Dean. Fall/Spring/Summer</td>
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