

ATHLETIC TRAINING (ATHT)

ATHT 145 Introduction to Athletic Training

Prerequisites: Open to freshmen and sophomores only
Description: Introduction to preparation and work of the certified athletic trainer and to the profession and professional expectations and requirements. Observational and laboratory experiences.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: ATHT 146

ATHT 146 First Aid, Treatment, and Management of Athletic Injuries

Prerequisites: ATHT 145
Description: Role of the athletic trainer in providing first aid and care to the injured athlete. Emergency medical care systems and personnel, emergency planning, and first aid treatment techniques. Standard first aid and cardiopulmonary resuscitation (CPR).
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: ATHT 245

ATHT 245 Organization and Administration of Athletic Training

Prerequisites: ATHT 146 and permission; parallel ATHT 247.
Description: Supporting the daily activities of athletic trainers. Legal concepts, forms and record keeping, drug testing, insurance, concepts of financial management, facility management, and personnel management.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: ATHT 246; ATHT 247

ATHT 246 Prevention and Care of Athletic Injuries

Prerequisites: ATHT 245 and parallel: ATHT 248.
Description: The athletic trainer's duties and function in dealing with the prevention of athletic injuries through administering physical examinations, analyzing sports risk, supervising physical conditioning, properly fitting pads and equipment, and monitoring environmental conditions.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC
Prerequisite for: ATHT 248; ATHT 345

ATHT 247 Clinical Education I

Prerequisites: ATHT 245
Description: Organization skills in athletic training. Demonstration and practice of skills in: daily athletic training room operations, administration of physical examinations, practice of common skills found within the domains of athletic training, and use of appropriate wound care technique.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: LAB
Prerequisite for: ATHT 245

ATHT 248 Clinical Education II

Prerequisites: ATHT 246
Description: Prevention skills in athletic training. Demonstration and practice of skills in: use of various devices and techniques necessary to screen and evaluate athletes fitness and health; use of commercial conditioning equipment; collecting climatic data; fitting equipment; and the application of taping, wrapping, splints, and braces.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: FLD

ATHT 249 Therapeutic Modalities

Prerequisites: PHYS 141 or 151.
Description: Theoretical and practical guidelines for using light, hydrotherapy, thermal energy, electrotherapeutic equipment, TENS, traction, and manual treatment techniques.
Credit Hours: 3
Max credits per semester: 3
Max credits per degree: 3
Format: LEC

ATHT 345 Evaluation of Athletic Injuries

Prerequisites: ATHT 246 and parallel ATHT 347.
Description: Knowledge and skills needed by the athletic trainer to conduct a thorough evaluation of athletic injuries and illnesses for the purpose of formulating an impression of the injury so that proper care and disposition of the injury may be achieved.
Credit Hours: 4
Max credits per semester: 4
Max credits per degree: 4
Format: LEC
Prerequisite for: ATHT 346; ATHT 347

ATHT 346 Rehabilitation and Reconditioning

Prerequisites: ATHT 345 and parallel ATHT 348.
Description: Planning and implementation of comprehensive rehabilitation and/or reconditioning programs for athletes. Physiological response to trauma, the healing cycle, evaluation of goals and objectives and the principles of therapeutic exercise and therapeutic modalities.
Credit Hours: 4
Max credits per semester: 4
Max credits per degree: 4
Format: LEC
Prerequisite for: ATHT 347; ATHT 348; ATHT 445

ATHT 347 Clinical Education III

Prerequisites: ATHT 345 and parallel ATHT 346.
Description: Evaluation skills in athletic training. Demonstration and practice of skills in: taking the history of an injury; identifying objective signs of injury through observation, palpation, range of motion, and "special tests"; and incorporating findings into an effective clinical evaluation.
Credit Hours: 1
Max credits per semester: 1
Max credits per degree: 1
Format: FLD
Prerequisite for: ATHT 345; ATHT 348

ATHT 348 Clinical Education IV

Prerequisites: ATHT 347 and parallel ATHT 346.

Description: Rehabilitation skills in athletic training. Demonstration and practice of skills in: the use of manual muscle testing; goniometry; use of ambulatory aids; application of clinical modalities; use of exercise in the recovery from injury/illness.

Credit Hours: 1

Max credits per semester: 1

Max credits per degree: 1

Format: FLD

Prerequisite for: ATHT 346

ATHT 445 Advanced Studies in Athletic Training

Prerequisites: ATHT 346; Parallel: ATHT 447

Description: Current philosophical and ethical problems in the field of athletic training, and advanced treatment techniques.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

Prerequisite for: ATHT 446; ATHT 447

ACE: ACE 10 Integrated Product

ATHT 446 Medical Aspects of Athletic Training

Prerequisites: ATHT 445 and parallel ATHT 448.

Description: Recent and current medical research and its application to treatment of injuries sustained by participation in athletics. Identification and application of methods of staying abreast of medical advances in prevention and treatment of injuries.

Credit Hours: 3

Max credits per semester: 3

Max credits per degree: 3

Format: LEC

Prerequisite for: ATHT 448

ATHT 447 Clinical Education V

Prerequisites: Parallel ATHT 445

Description: Advanced skills in athletic training 1. Demonstration and practice of advanced skills in evaluation, treatment, and rehabilitation of athletic injury including isokinetic testing; Proprioceptive Neuromuscular Facilitation (PNF) techniques; and joint mobilization.

Credit Hours: 1

Max credits per semester: 1

Max credits per degree: 1

Format: FLD

Prerequisite for: ATHT 448

ATHT 448 Clinical Education VI

Prerequisites: ATHT 447 and parallel ATHT 446

Description: Advanced skills in athletic training 2. Demonstration and practice of skills in the evaluation of athletic injury and illness. Evaluation of common general medical conditions.

Credit Hours: 1

Max credits per semester: 1

Max credits per degree: 1

Format: FLD

Prerequisite for: ATHT 446