

dents an opportunity to gain experience with athletic teams considered at high and low risk for developing injuries. Students are also given an opportunity to become proficient in athletic training skills.

A T 342 **CLINICAL EDUCATION III (2)** *Prerequisite: A T 340.* Students will gain experience with the Lynchburg College athletic training staff in a traditional athletic training setting and complete 150 hours of experience through two rotations, the purpose of which is to give students an opportunity to gain experience with athletes who usually incur upper-extremity and lower-extremity injuries. This course provides the students with the opportunity to become proficient in athletic training skills.

A T 350 **THERAPEUTIC EXERCISE FOR ATHLETIC INJURIES (3)** *Prerequisites: BIOL 214, 215, A T 100.* Therapeutic exercise and how it affects tissue healing and its role in the treatment of athletic injuries will be examined. Basic components, design, and implementation of rehabilitation programs will be discussed and practiced.

A T 351 **THERAPEUTIC MODALITIES FOR ATHLETIC INJURIES (3)** *Prerequisites: BIOL 214, 215, A T 100.* This course provides advanced study of the use of therapeutic modalities in the field of athletic training. The indications, contraindications, and effects of physical agents such as ice, heat, electrical stimulation, and ultrasound will be studied. Students will have an opportunity to practice skills necessary to use modalities effectively.

A T 397 **INDEPENDENT STUDY IN ATHLETIC TRAINING (1-3)** *Prerequisites: Approval of faculty sponsor and school dean; junior or senior standing.* This course provides students the opportunity to pursue individual study of topics not covered in other available courses. The area for investigation is developed in consultation with a faculty sponsor and credit is dependent on the nature of the work. May be repeated for no more than six credits.

A T 398 **SPECIAL TOPICS IN ATHLETIC TRAINING (1-3) [credit depends on topic]** *Prerequisite: A background of work in the discipline or prior consent of instructor.* This course will focus on an aspect of the discipline not otherwise covered by the regularly offered courses. The topic will vary according to professor and term; consequently, more than one may be taken by a student during his/her matriculation.

A T 415 **INTERNSHIP IN ATHLETIC TRAINING (1-12)** *Prerequisites: AT 342 and approval of faculty sponsor.* This course offers a professional internship within an appropriate athletic training/healthcare setting. The student and the faculty sponsor will agree on the location and the responsibilities of the intern.

A T 425 **ADMINISTRATION OF ATHLETIC TRAINING PROGRAMS (3)** *Prerequisite: A T 342 or permission of instructor.* This course is designed to cover a wide range of athletic training administrative topics. At the conclusion of the course students should be familiar with the multitude of issues which face the athletic trainer who directs an athletic training program. The student should have a plan for addressing administrative issues.

A T 440 **CLINICAL EDUCATION IV (2)** *Prerequisite: A T 342.* Students will gain experience in a traditional athletic training setting and complete 150 hours of experience through a single rotation. The purpose of this course is to give students an opportunity to assume the responsibility of serving as "head" athletic training student, an experience which will help prepare them for the advanced responsibilities they will assume as graduate assistants or as employed certified athletic trainers. This course also allows students an opportunity to become proficient in athletic training skills.

A T 450 **CURRENT ISSUES AND RESEARCH IN ATHLETIC TRAINING (3)** *Prerequisite: A T 342 or permission of instructor.* This capstone course is designed to familiarize students with current issues in athletic training and to acquaint them with athletic training research. Students will be expected to integrate knowledge obtained from prior courses to discuss and write on many issues and research topics in athletic training.