

SPORTS MEDICINE & THERAPEUTIC CARE

Campus Location

Lemley Campus, Health Sciences Center

Occupational Focus

Sports Medicine and Therapeutic Care is a full-year course and is designed for students interested in fields such as athletic training, physical therapy, chiropractic assistant, medicine, fitness, physiology of exercise, kinesiology, nutrition, emergency medicine, and other sports medicine related fields. The program includes course work and practical hands-on applications in the following areas: prevention, treatment, and rehabilitation of sports injuries, taping and wrapping of injuries, first aid/CPR, emergency procedures, nutrition, Anatomy-in- Clay, anatomy and physiology, fitness/conditioning/strength programs and sports medicine careers. The program also offers practical experiences with local sports medicine specialists and other allied health care professionals.

For information concerning working conditions, physical requirements, employment and job outlook please refer to the 2008-09 Occupational Outlook Handbook (OOH) at <http://www.bls.gov/oco/>.

Who Can Attend?

High school students

Scheduling Information

One year program beginning in August.

--Morning session - 7:55 - 10:55 am

--Afternoon session - 11:55 - 2:55 pm

Entrance Requirements

- High school seniors only
- Basic computer literacy

Additional Requirements

Prior to the start of the clinical practicum, students must:

- Undergo a criminal background check including sex offender registration as required by the Oklahoma Child Care Facilities Licensing Act that requires individuals providing care to children under the age of 18 to be free of any criminal history that would indicate a potential for violent abuse against another person.
- Provide verification of immunizations through vaccination records, titer (blood test) results, or declination statements. A list of specific immunizations may be obtained through the Health Sciences Center by calling 828-1216.
- Have a current American Heart Association CPR for the Healthcare Provider card -or- a current American Red Cross CPR for the Professional Rescuer card.
- Provide transportation to clinical sites

Career Majors

Student Athletic Training Aide - 615 Hours*

In this Career Major, students complete the Health Careers Core Curriculum (Technology Center), Core Medical Terminology and Anatomy and Physiology, Core First Aid and Healthcare Provider CPR. Students will also be provided a history and introduction to the athletic training profession and an introduction to pharmacology and nutrition. They will learn to recognize, evaluate, and provide care to athletic injuries including how to wrap, tape, and fit equipment according to safety regulations. In addition, patient care and exercises and their functions will also be covered. Students practice in a variety of settings as chosen by the instructor.

Chiropractic Assistant - 555 Hours*

In this Career Major, students complete the Health Careers Core Curriculum (Technology Center), Core Medical Terminology and Anatomy and Physiology, Core First Aid and Healthcare Provider CPR. Students in this major learn the history, basic philosophy, techniques, and vocabulary of the chiropractic profession. Ethics, insurance billing and coding, and office management will be taught along with how to provide basic patient care. The student will study physiotherapy for athletic training by studying various types of exercises and their functions in patient education; the use of range of motion; strengthening and proprioceptive exercises for major areas of the body. An internship is also included in this major.

Fitness Specialist - 540 Hours*

The Health Careers Core Curriculum (Technology Center) is required as part of this career major. Students in this major will explore the fitness industry while learning a variety of exercise techniques and how to individualize programs. They will learn the code of ethics and the legal guidelines of professional responsibilities that fitness professionals must follow. They will also learn the physiology behind fitness and exercise and how to evaluate current fitness levels using a variety of tests along with the concepts of nutrition and weight control. Students will also complete Core Healthcare Provider CPR/First Aid course as well as medical terminology, and anatomy and physiology. Additionally, the student is provided the opportunity to use the theory in practical clinical experiences.

Physical Therapy Aide - 600 Hours*

In this Career Major, students complete the Health Careers Core Curriculum (Technology Center), Core Medical Terminology and Anatomy and Physiology, Core First Aid and Healthcare Provider CPR. A physical therapy aide has many duties such as keeping the treatment area clean and prepped and assisting patients in preparation for treatment. Many physical therapy aides also have clerical duties such as paperwork, maintaining patient records, and making sure that supplies are in stock. The physical therapy aide career major include courses in ethics and law, patient care, clerical skills, ambulation, therapeutic exercises, agents and modalities. Students practice in a variety of settings as chosen by the instructor.

**Career major, courses and hours are subject to change without notice*

SPORTS MEDICINE & THERAPEUTIC CARE

Tuition

No charge for high school students within Tulsa Tech District.

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Books/Supplies

No textbook charge for high school students within Tulsa Tech District.

College Credit

College credit is available for the majority of Tulsa Tech's full-time programs through Rogers State University, Oklahoma State University-IT or Tulsa Community College. Advanced standing credit may also be granted for some of our programs. The number of hours varies depending on the program length, the college granting the credit, and the student's plan of study. Check with your Tulsa Tech counselor for more information.

Credentials/Industry Certifications

After completion of this course the student may be eligible to the following certification examinations: ACE; NASM, NSCA.

Employment Opportunities

Physical Therapy Aide, Apprentice Athletic Trainer, Chiropractic Assistant, Occupational Therapy Aide, Personal Trainer

Tulsa-Area Salary

\$9.27-\$11.19/hour (entry-level average wage)

Financial Aid

Scholarships are available for eligible students. Call 918.828.5280 or email financialaid@tulstatech.org for detailed information.

Application Process

High school students see Tulsa Tech career counselor or sending school counselor.

Courses by Career Majors

Student Athletic Training Aide - 615 Hours*

Health Careers Core Curriculum (Technology Center)
Core Medical Terminology
Anatomy and Physiology I
Anatomy and Physiology II
Core Healthcare Provider CPR and First Aid
Introduction to Athletic Training Profession
Basic Care & Prevention of Athletic Injuries
Physiotherapy for Athletic Training
Student Athletic Training Internship

Chiropractic Assistant - 555 Hours*

Health Careers Core Curriculum (Technology Center)
Core Medical Terminology
Anatomy and Physiology I
Anatomy and Physiology II
Core Healthcare Provider CPR and First Aid
The Chiropractic Profession
Chiropractic Insurance Billing and Coding
Chiropractic Ethical Concepts
Physiotherapy for Athletic Training
Chiropractic Assistant Internship

Fitness Specialist - 540 Hours*

Health Careers Core Curriculum (Technology Center)
Core Healthcare Provider CPR and First Aid
Anatomy and Physiology I
Anatomy and Physiology II
Core Medical Terminology
Introduction to Fitness Profession
Exercise Physiology
Applied Concepts in Fitness
Clinical Practice in Fitness/Health

Physical Therapy Aide - 600 Hours*

Health Careers Core Curriculum (Technology Center)
Core Medical Terminology
Anatomy and Physiology I
Anatomy and Physiology II
Core Healthcare Provider CPR and First Aid
Introduction to Physical Therapy Aide
Clerical Skills and Duties for the Physical Therapy Aide
Ethics and Laws in Physical Therapy
Preparation for Patient Care in Physical Therapy
Ambulation and Gait Training
Therapeutic Exercises
Therapeutic Agents and Modalities
Clinical Practice for the Physical Therapy Aide

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