



O T C + P R O G R A M

# EXERCISE SCIENCE & SPORTS MEDICINE

Physical Therapist Aides | Exercise Trainers & Group Fitness Instructors |  
 Massage Therapists | Exercise Physiologists | Athletic Training | Physical  
 Therapist Assistants | Physical Therapists

## CAREER TECHNICAL COURSES

SUBJECT  
CODE

**072150**

### MEDICAL TERMINOLOGY

College Credit

**CTMT001**

3 Credit Hours

This course focuses on the applications of the rules for constructing and defining medical terms with an emphasis on building a working medical vocabulary. Topics include using the appropriate abbreviations and symbols for anatomical, physiological and pathological classifications and the associated medical specialties and procedures. Students will decipher medical terms by identifying and using word elements with an emphasis on derivation, meaning, and pronunciation. Further, students will interpret and translate medical records and documents.

SUBJECT  
CODE

**072000**

### EXERCISE & ATHLETIC TRAINING

College Credit

**CTES001**

3 Credit Hours

In this first course students will apply procedures and techniques used in athletic training and in the care and rehabilitation of athletic injuries and therapeutic exercise. Topics include injury prevention, conditioning, and wound care techniques of the musculoskeletal system. Students will learn techniques in the analysis of mechanical factors related to human movement. In addition, current trends, technology, legal considerations, and the role of exercise science in relationship to other health fields will be emphasized.

## COLLEGE CREDIT OPPORTUNITIES

Students who demonstrate proficiency in career tech courses in approved secondary programs can receive college credit for their approved coursework.

## INDUSTRY CREDENTIAL OPPORTUNITIES

American Medical Certification Association (AMCA) Physical Therapy Technician Certification - **12 Points**

POTENTIAL PLACEMENT & INCOME -



*\*May 2024 State Occupational Employment and Wage Estimates for Ohio*

- Physical Therapist Aides | \$35,040
- Exercise Trainers & Group Fitness Instructors | \$37,110
- Massage Therapists | \$52,520
- Exercise Physiologists | \$56,410
- Athletic Trainers | \$62,350
- Physical Therapist Assistants | \$64,590
- Physical Therapists | \$99,500



in partnership with



**BUCKEYE HILLS**  
CAREER CENTER