



# SPORTS MEDICINE & KINESIOLOGY



## HANDS ON APPLICABLE LEARNING FOR CONTINUATION IN MEDICINE AND SKILLS FOR LIFE

- Anatomy & Physiology of bones and muscles
- Use of therapeutic modalities/exercises
- Interaction of Human Body Systems
- Psychological factors with injury
- Homeostasis for proper body function
- Careers in Sports Medicine/Kinesiology
- Biomechanics
- Strength Conditioning and Personal Training
- Tissue response to Injury
- Emergency procedures
- Specific Sports Injuries
- Nutrition
- Taping for injury
- Interaction of Human Body Systems
- Clinical Internship with industry professionals in our community, including InPatient/OutPatient Physical Therapy, School Training Rooms, Sports Events & Games and more.
- Guest Speakers - Orthopedics, Physical Therapy, Occupational Therapy, Prosthetics, Athletic Training, Strength & Conditioning Coach, Chiropractor & more!

### DUAL ENROLLED WITH SHASTA COLLEGE'S PTA PROGRAM

#### CLINICAL INTERNSHIPS

In-Patient/Outpatient  
Physical Therapy,  
Occupational Therapy,  
Athletic Trainer, Chiropractic

School Training Rooms

Sports Events & Games

And More!

#### CERTIFICATIONS AVAILABLE

CPR, First Aid & AED

Concussion Certification

Health Coaching Certification

Physical Therapy Aide

NASM Personal Training

#### REQUIREMENTS

Prerequisites:  
CP Biology with grade "C"  
or higher

Intro to Medical Careers  
(recommended)

Drug test may be required  
for some clinical internship  
placements.