

Program Name	Sports Medicine and Rehabilitation Services
Program CIP Code	51.0800.50
Program Description and Coherent Sequence	<p>Sports Medicine and Rehabilitation Services program prepares students to participate in teams, solve problems, think critically and implement effective solutions. The program is designed and delivered as a coherent sequence of experiences using technical instruction, academic foundations, experiential learning, supervised occupational experience, leadership and personal development through the Career and Technical Student Organization known as HOSA (Health Occupations Students of America).</p> <p>This program is designed to prepare high school students with foundations in knowledge and the technical skills needed to help them continue their education in the field of Sports Medicine and Rehabilitation Services by successfully completing an appropriate postsecondary program. Affiliations with local community college programs can provide high school students with dual or concurrent credit that can be applied toward their postsecondary certificate or degree.</p> <p>Fundamentals of Allied Health: This course will teach students the basic knowledge and skills needed for Sports Medicine and Rehabilitation Services in a clinical, medical or retail setting or to continue to postsecondary education.</p> <p>Sports Medicine and Rehabilitation Services: This course will enhance the students' knowledge and skills to continue their education in Sports Medicine and Rehabilitation Services in a clinical, medical or retail setting or to continue to postsecondary education.</p> <p>Work-based Learning: Students have the opportunity to participate in either a Sports Medicine and Rehabilitation Services Cooperative Education experience or an Internship.</p>
Industry Validated Standards	http://www.azed.gov/career-technical-education/files/2011/11/technical-standards-sports-medicine-51080050.pdf
Specialized Equipment	<ul style="list-style-type: none"> • Treadmills • Exercise tables • Bioelectrical impedance • Stationary bicycles • Mannequins for CPR instruction • Wheelchair • Spine boards and other supportive adjunct equipment. <p>Equipment List may be accessed at: http://www.azed.gov/career-technical-education/files/2013/07/equipment-list-sports-medicine-and-rehabilitation-51080050.pdf</p>

Industry Recognized Certifications	<ul style="list-style-type: none"> • Certified Personal Trainer Certificate (ACE.NASM) • Certified Chiropractic Assistant (option for programs that are approved by the State Chiropractic Board) • Emergency Medical Responder (IEMSR) • Eastern Arizona College <ul style="list-style-type: none"> ○ Sports Medicine and Rehabilitative Therapies - Certificate of Proficiency
CTE End-Of- Program (EOP) Technical Skill Assessment (TSA) Y/N	Y
Current EOP TSA Pass Score	60%
Participation in JTED Program Qualifies Students for These Employment Opportunities	Athletic Trainer Rehabilitation Aid Exercise Specialist Exercise Technician Chiropractic Assistant

SB1525 JTED Course and Program Requirements

Requires students obtain passing score of 60% on assessment 15-391(3)(b) Page 1/20-24 & 15-391(5)(b) Page 2/1-6	<p>Sports Medicine and Rehabilitation Services Technical Skill Assessment has a minimum 60% passing score.</p> <p>The Certified Personal Trainer Certificate (ACE/NASM) requires a 75% passing score.</p>
Not a Course Required under Minimum Course of Study including Honors 15-391(3)(d) Page 1/27-29	<p>No</p>
Majority of Instructional Time in Lab / Field / Work Based Learning Environment 15-391 (3)(e) Page 1/30-32 and Requires CTSO Participation 15-391(5)(d) Page 2/10-13	<p>Yes, Sports medicine and Rehabilitation Services students spend a majority of time in a lab setting learning sports medical training procedures. These procedures include preventing, diagnosing and treating muscle and bone injuries, illnesses and record keeping. The equipment used to learn these procedures include treadmills, exercise tables, bioelectrical impedance, stationary bicycles, mannequins for CPR instruction, wheelchair, spine boards and other supportive adjunct equipment.</p> <p>HOSA</p>
Demonstrated Need for Extra Funding for a course 15-391 (3)(f) Page 1/33-34	<p>Yes, Sports medicine and Rehabilitation Services students spend a majority of time in a lab setting learning sports medical training procedures. These procedures include preventing, diagnosing and treating muscle and bone injuries, illnesses and record keeping. The equipment used to learn these procedures include treadmills, exercise tables, bioelectrical impedance, stationary bicycles, mannequins for CPR instruction, wheelchair, spine boards and other supportive adjunct equipment.</p>
Specialized Equipment Exceeds Cost of Standard Course 15-391(3)(g) Page 1/35-36 and 15-391(5)(c) Page 2/7-9	<p>Yes, specialized equipment includes but not limited to:</p> <ul style="list-style-type: none"> • Whirlpools • Matt Tables • Treadmill • Electrical Stem • Scale • Skeletons • Hydro collator • Foam Roller • Wobble Board • Goniometer • Treatment Tables • Anatomical Charts/Posters • Anatomical Models • Splints

	<ul style="list-style-type: none"> • Diathermy • HIVA – mat • Paraffin Bath • Fluid therapy • Mast Pants • Bod Pod • Alter G, Rapid Form, Immobilizer • Air Ex, Dyna Discs • Underwater Treadmill • Hydroworks • Adjustable Desks • Lightening Detector • Sling Psychrometer • Concussion Protocol • Training/Equipment Full body skeleton/body models • Dumbbells • Exercise equipment and bars • Exercise mats, scales and skinfold calipers • Bioelectrical impedance <p>http://www.azed.gov/career-technical-education/files/2013/07/equipment-list-sports-medicine-and-rehabilitation-51080050.pdf</p>
Alignment through Curriculum, Instructional Model and Courses Sequence 15-391(5)(e) Page 2/15-18	<p>Yes</p> <p>State-established course sequence for the Sports Medicine and Rehabilitation Services program consists of 2 Carnegie Units of instruction with the option of an additional Carnegie Unit Internship or Cooperative Education.</p>
Defined Pathway to Career and Postsecondary Ed in Specific Vocation or Industry 15-391(5)(f) Page 2/19-21	<p>Yes</p> <ul style="list-style-type: none"> • Certified Personal Trainer Certificate. • Certified Chiropractic Assistant (option for programs that are approved by the State Chiropractic Board) • Emergency Medical Responder (IEMSR) • Eastern Arizona College <ul style="list-style-type: none"> ◦ Sports Medicine and Rehabilitative Therapies - Certificate of Proficiency
Fills High Need Vocation or Industry as Determined by CTE/ADE 15-391(5)(j) Page 2/30-31	<p>Yes, from 2014-2024 there will be a 21% increase in the demand for Certified Personal Trainers in Arizona.</p>
Requires a Single or Stackable Credential or a Skill that allows a student to obtain work 15-391(5)(k) Page 2/32-35	<p>Programs must offer one or more of the following:</p> <ul style="list-style-type: none"> • Certified Personal Trainer Certificate (ACE.NASM) • Certified Chiropractic Assistant (option for programs that are approved by the State Chiropractic Board) • Emergency Medical Responder (IEMSR) • Eastern Arizona College <ul style="list-style-type: none"> ◦ Sports Medicine and Rehabilitative Therapies -

	Certificate of Proficiency
Leads to certification or licensure verified by that vocation or industry that qualifies student for employment which the student would not otherwise qualify. 15-391(5)(l) Page 2/36-39	<p>Yes</p> <ul style="list-style-type: none"> • Certified Personal Trainer Certificate (ACE.NASM) • Certified Chiropractic Assistant (option for programs that are approved by the State Chiropractic Board) • Emergency Medical Responder (IEMSR) • Eastern Arizona College <ul style="list-style-type: none"> ◦ Sports Medicine and Rehabilitative Therapies - Certificate of Proficiency
If no certification or licensure is accepted by vocation or industry, completion of program must qualify student for employment for which student would not otherwise qualify without completing JTED program. 15-391(5)(l) Page 2/39-43	Certification exists.
Requires instruction and instructional materials substantially different from and exceed scope of standard instruction and include skills, competencies and knowledge to be successful in JTED program vocation or industry. 15-391(5)(m) Page 2/44-45 and 3/1-3	<p>Yes. Sports medicine and Rehabilitation Services students spend a majority of time in a lab setting learning sports medical training procedures. These procedures include preventing, diagnosing and treating muscle and bone injuries, illnesses and record keeping. Materials and instructional resources to teach these skills are specific training materials and exceed average instructional materials costs. Instructional materials include but not limited to:</p> <ul style="list-style-type: none"> • Anatomical Charts/Posters • Anatomical Models, • Biohazard instructional materials • OSHA Trainers • Heart Rate monitors/manuals • Pulse oximeters • Peak Flow meter/manuals
Industry provided financial or technical support. 15-391(5)(n) Page 3/4-8	<p>The Sports Medicine Businesses and Industries support Sports Medicine and Rehabilitation programs in the following ways:</p> <ul style="list-style-type: none"> • Sports Medicine professionals serve on Sports Medicine and Rehabilitation Technical Standards Development and Validation Committees. • Sports Medicine professionals serve on state and local advisory boards. • Provide work-based learning opportunities including job shadowing, clinical field experiences, cooperative education and internship opportunities. • Provide professional development opportunities for teachers to stay current with industry. • Provide speakers and other resources for the classroom.

Demonstrated need for extra funding in order to provide JTED program 15-391(5)(o) Page 3/9-11	Yes, Sports medicine and Rehabilitation Services students spend a majority of time in a lab setting learning sports medical training procedures. These procedures include preventing, diagnosing and treating muscle and bone injuries, illnesses and record keeping. The equipment used to learn these procedures include treadmills, exercise tables, bioelectrical impedance, stationary bicycles, and mannequins for CPR instruction, wheelchair, spine boards and other supportive adjunct equipment.
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Eligibility		Yes	No
JTED	The Sports Medicine and Rehabilitation Services program meets the requirements for JTED compliance and eligibility	x	
CTE Federal Perkins and State Priority	The Sports Medicine and Rehabilitation Services program meets the requirements for Perkins and is eligible to generate CTE State Priority funding .	x	