SPORTS MEDICINE CURRICULUM SUBMITTED FOR BOARD APPROVAL DATE:

which conforms with Chapter 4 Regulations of the Pennsylvania State Board of Education. As of July 1999 and thereafter, all new and/or updated curriculum guides will be written according to this revised format

Cover Sheet

Course/Subject Title	Sports Medicine	Length of Course: 1 Se	Semester
	Health and PE	Hours per Week: 3.5	Grade Level:SH
Number of Credits:	in		***************************************
Required or Elective?	? Elective	Final Examination Required:	VIS.

B: Course Description/Rationale:

and to use sound judgment in emergency situations. learn about the role of the athletic trainer, how to develop proper conditioning programs, how to apply protective taping, This course familiarizes the students with the care, treatment, and management of sports injuries. They will

adopted by the PDE as of July 18, 2003. athletic injuries. This curriculum is aligned with the Academic Standards for Health, Safety, and Physical Education overview of the basics of athletic training; including the care, prevention, management, treatment, and rehabilitation of Educational Goals and Relationship to Standards. This course of study is designed to provide students with an

Course/Subject Title: Sports Medicine Grade Level: Senior High Content Area: Health Education

State Standard Correlation: Healthful Living

Advanced. The student will	Advanced:	1 Sports medicine	Tİ	A Identify the members of	Identify and describe health A Identify the members of	
Expected Level of Achievement and Procedures for Evaluation	Expect Achiev Proce	Suggested Learning Activities, Materials, and Resources	Priority/Time	Specific Content	Student Learning Objectives	

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 Sports medicine

the Athletic Trainer chapt. 28 • Injury prevention • Recognition, • Revaluation, and immediate care of athletic injuries • Rehabilitation and reconditioning of athletic injuries • Health care administration • Professional development and responsibility C. Discuss how to become an Athletic Trainer chapt. 28 • Areas of study • Work settings • Certification process D. Define these vocabulary terms: - chapt. 28 • Athletic training • Biomechanics • Certification • Canaly Athletic trainer • Kinesiology • National Athletic Trainers'	Athletic Trainer apt. 28 Injury prevention Recognition, evaluation, and immediate care of athletic injuries Rehabilitation and reconditioning of athletic injuries Health care administration Professional development and responsibility Discuss how to become Athletic Trainer chapt. Areas of study Work settings Certification process Define these vocabulary ms: - chapt. 28 Athletic training Biomechanics Certified athletic trainer Kinesiology National Athletic Trainers			
ਜ਼ ⊢	tਹ F	D. Define these vocabulary terms: - chapt. 28 • Athletic training • Biomechanics • Certification • Certified athletic trainer • Kinesiology • National Athletic Trainers'	C. Discuss how to become an Athletic Trainer chapt. 28 Areas of study Work settings Certification process	the Athletic Trainer chapt. 28 Injury prevention Recognition, evaluation, and immediate care of athletic injuries Rehabilitation and reconditioning of athletic injuries Health care administration Professional development and responsibility
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	 Student as 	 Sports me 	 School nu 	 Rehabilita 	 Physiology 	Physics	 Physical t 	(NATA)
	ssistant	dicine	ırse	tions	Ÿ		herapist	
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Course/Subject Title: Sports Medicine Grade Level: Senior High Content Area: Health Education

State Standard Correlation: Concepts of Health

	Del
	Learning Objectives Objectives Define the anatomical planes and describe the anatomical position.
position — chapt. 1	Content Content A Discuss the importance of studying anatomy. — chapt.
ij	Priority/Time
iound on page 11.	Activities, Materials, and Resources 1. Sports medicine textbook 2. Define the terms
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The same of the sa																								*.				
 Circumduction 	 Rotation 	 Retraction 	Protraction	 Eversion 	• Inversion	 Supination 	 Pronation 	 Adduction 	 Abduction 	 Extension 	 Flexion 	segments. — chapt. 1	movement of the body	terms for describing	F. Discuss the directional	with cartilage	bones attached	ninge and	Diarthrodial —	chapt. 1	classifications of joints	E. Describe the three		• Distal	Proximal	• Lateral	Medial	
														t	rj					,	-							
																		the correct terms.	movement using	must identify each	The other partner	different ways	a partner moves	terminology. Next,	using correct	the parts locations	describe each of	
						,																					are not very near.	

Course/Subject Title: Sports Medicine Grade Level: Senior High Content Area: Health Education

State Standard Correlation: Concepts of Health

Analyze the functions of bones, ligaments, tendons, muscles, and cartilage and examine the types of injuries that can occur in each.	Student Learning Objectives
A. Describe the various types of soft tissues. – chapt. 1 Muscles Ligaments Tendons Cartilage B.Describe soft tissue injuries. – chapt. 2 Sprains and strains Incisions Abrasions Abrasions Lacerations Avulsions Amputations Punctures Contrecoup brain	Specific Content
;д ;д	Priority/Time
1. Sports medicine textbook 2. Vocabulary Activity – page 19 3. Draw a diagram depicting the different types of bone or soft tissue injuries and the healing process of bone or soft tissue. 4. Discuss "The Real World" situation on page 19.	Suggested Learning Activities, Materials, and Resources
Advanced: The student will be able to examine the functions of bones, ligaments, tendons, muscles, and cartilage and be able to compare the different types of injuries that can occur in each. Proficient: The student will be able to analyze the functions of bones, ligaments, tendons, muscles, and cartilage and be able to describe the injuries that can occur in each. Basic: The student will be able to describe the functions of the bones,	Expected Level of Achievement and Procedures for Evaluation

• Strain	s Spi	• Pla	• Ph	* No	• [.e.	e Fra	• Fib	• Dis	• Ca	* Art	terms: - chapt. 2	E. Deine u		ICII	TAT	• Sta	* Sta	• Sta	healing chapt. 2	D. Discuss l		• Ty:		chapt. 2	types of bone injuries. —	C. Describe		ren	e Sta	* Sta	infl	• Sta	tissue healing: - chapt. 2	B. Discuss to		inji
ain	Sprain	Platelets	Phagocytes	Nonunion	Leukocytes	Fracture	Fibroblasts	Dislocation	Callus	Articulate	ot. 2	Define these vocabulary	and the law.	Icimodeimg	nodeling	Stage 3:	Stage 2: repair	Stage 1: acute	napt. 2	Discuss bone fracture		Types of fractures	Dislocations		e injuries. –	Describe the different		remodeling	Stage 3:	Stage 2: repair	inflammatory	Stage 1: acute	g: - chapt. 2	B. Discuss the stages of soft		injuries
												-					-		ţr	1						(77)								m		
		diagram.	errors present on the	of effort. There are several	of injuries and shows a lack	not include each of the types	Weak - The diagram does		with few errors.	drawn and labeled correctly	healing process will be	bone or soft tissues. The	the types of injuries for the	neat and will include each of	Good – The diagram will be		without errors.	will be drawn and labeled	tissues. The healing process	injuries for the bone or soft	include each of the types of	will be outstanding and will	Excellent – The diagram	Diagram Kubric:	j;	types of body tissues.	types of injuries in different	student to discuss various	include an essay asking the	Written test – The test will		each	injuries that can occur in	able to identify the types of	and cartilage and will be	ligaments, tendons, muscles,

Course/Subject Title: Sports Medicine Grade Level: Senior High Content Area: Health

Analyze the role of individual responsibility for safe practices and injury prevention in the home, school, and community.	Student Learning Objectives
A. Describe the crisis plan. - chapt. 3 • Who is in charge and begins first aid until the proper help arrives? • Are emergency numbers available? • Who will call 911? • Who will control the crowd? • Who will bring supplies and equipment and decide what is needed? • Who will transport or assist the athlete from the field of play?	Specific Content
ţn	Priority/Time
1. Sports medicine textbook 2. Cooperative Activity on page 28. Design a crisis plan for an athletic facility on the day of an event. Be sure to include all parts of the plan with detailed answers. Be prepared to share and discuss with the class. 3. The Columbia Borough School District's	Suggested Learning Activities, Materials, and Resources
Advanced: The student will be able to assess the roles of each member of the sports medicine team in a crisis situation and will be able to construct a complete, detailed crisis plan depicting these roles in an emergency situation. Proficient: The student will be able to analyze the roles of each member of the sports medicine team in a crisis situation and will be able to design a complete crisis plan depicting these roles in an emergency situation.	Expected Level of Achievement and Procedures for Evaluation

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стві Евнеў ропсу шалнал.	B. Examine the school's emergency policy manual	counseling to those who need it?	• Who will give	 Who should talk to 	• How will facilities be evacuated?	each facility?	• How will the crisis	known obstacles?	work around	How will EMS	 Who will make out the accident report? 	casualty?	event of a mass	 What personnel are 	athlete is injured?	more than one	What area will be used for triage if	athlete's parents?	Who will notify the	athlete?	• Who will direct	EMS to use?	injured athlete for	and easiest access	 What is the safest
	}4																								
·											-													Manual	Emergency Policy
		grammatical errors.	written work shows poor sentence structure and	and organized thought. The	Weak: The crisis plan is not	of the grammar is correct.	structure is good and most	category. The sentence	include the same amount of	complete, but will not	Good - The crisis plan is	and grammatically correct.	structure must be complete	included. The sentence	realistic, and logical. Each	detailed, specific, organized,	Excellent - The crisis plan is	Crisis Dian Debrio.		chici goney situation.	design a crisis plan for an	situation and will be able to	medicine team in a crisis	able to describe the roles of	

Course/Subject Title: Sports Medicine Grade Level: Senior High

Content Area: Health

Analyze and apply strategies for the management of injuries.	Student Learning Objectives
A.Explain the difference between primary and secondary assessment. – chapt. 4 B. Discuss life-threatening injuries. – chapt. 4 B. Breathing emergencies Cardiopulmonary emergencies Hemorrhage C.Describe what to do for life-threatening injuries. – chapt. 4 Determine responsiveness Mouth-to-mouth breathing	Specific Content
(TI (TI	Priority/Time
1. Sport medicine textbook 2. American Red Cross Adult and Child CPR Course Manual 3. American Red Cross Sport Safety Training Course Manual 4. Partner Activity – Perform a secondary and primary survey on your partner. 5. Complete the	Suggested Learning Activities, Materials, and Resources
Advanced: The student will be able to appraise the emergency situation and perform the correct emergency procedure for that situation with no mistakes. Proficient: The student will be able to analyze the emergency situation and be able to perform the correct emergency procedure for that situation with few errors and no life-threatening mistakes. Basic: The student will be able to describe the emergency situation and will	Expected Level of Achievement and Procedures for Evaluation

	Cardiopulmonary resuscitation Direct pressure and pressure points D. Discuss communicable disease transmission. — chapt. 4 E. Define these terms: - chapt. 4 Cardiac arrest CPR Direct pressure point Primary assessment Sign Symptom Universal choking sign Universal precautions
	vocabulary and the questions for review on page 37.
0	be able to identify the correct procedure for that situation with some errors, but no life-threatening mistakes. American Red Cross Adult and Child CPR Written Exam – must score 80% in each test section to become certified. American Red Cross Sport Safety Written Exam – must score 80% in each section to become certified.

Course/Subject Title: Sports Medicine

Grade Level: Senior High Content Area: Health

State Standard Correlation: Safety and Injury Prevention

Describe and apply strategies of emergency and long-term management of injuries.	Student Learning Objectives
A.Discuss the basic questions for obtaining the history of an injury or illness. – chapt. 5 B. Describe the vital signs. – chapt. 5 Body temperature Skin color Breathing rate	Specific Content
त्म स	Priority/Time
1. Sports medicine textbook 2. Use a Stethoscope and sphygmomanometer to take vital signs on a partner. 3. Define the terms on page 49.	Suggested Learning Activities, Materials, and Resources
Advanced: The student will be able to demonstrate and apply the appropriate strategies for performing a secondary assessment on an athlete. Proficient: The student will be able to describe and apply the appropriate	Expected Level of Achievement and Procedures for

C. Discuss what is included in an inspection. — chapt. 5

• Mechanism of

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Basic: The student will be able to identify the appropriate strategies for performing a secondary assessment on an athlete.

injury

Ability to move Capillary refill

Review on page 49.

H. Define these terms: - chapt. 5 • Breathing rate • Capillary refill • Constrict	 Protection Rest Ice Compression Elevation 	F. Discuss assessing and managing a fracture. – chapt. 5 G. Discuss PRICE. – chapt.	E. Describe how to recognize and treat for shock. – chapt. 5	chapt. 5 Palpation Range-of-motion testing (ROM) Strength testing Testing to rule out neurological problems	Deformity Objects out of place Witnesses D. Describe testing. —
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Diastolio pressure Dyspnea History HIT Palpation RICE Pulse points Systolic pressure Vital signs Diastolio pressure			
pressure ints pressure		·	
		Diastolic pressure Dilate Dilate Dyspnea History HIT Palpation RICE Pulse points Systolic pressure Vital signs	
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Course/Subject Title: Sports Medicine Grade Level: Senior High

Content Area: Health

Student Learning Objectives	Specific Content	Priority/Time	Suggested Learning Activities, Materials, and Resources	Expected Level of Achievement and Procedures for Evaluation
Explain how to care and	A.Explain how to care for	T.	Sports medicine	Advanced: The student will
prevent environmental	heat-related illnesses		textbook	be able to assess the dangers
injuries.	chapt. 6			of certain environmental
, , , , , , , , , , , , , , , , , , ,	Hyperthermia		Define the terms on	conditions and be able to
	Heat cramps		page 57.	apply strategies for the
	 Heat exhaustion 			prevention of environmental
,	 Heatstroke 		3. Video: "Fueling	injuries.
			- xuucuc	
	B. Discuss how to prevent	ŀ	Performance"	Proficient: The student will
	heat-related Illnesses	ţx1		be able to explain the
	chapt. 6		 Cooperative Group 	dangers of certain
	 Clothing and 		Activity: The	environmental conditions
	equipment		students will	and be able to apply
	 Acclimatize 		design a severe-	strategies for the prevention
	 Water breaks 		weather drill for	of environmental injuries.
	 Eat properly 		athletes and	
	Weigh-in before		coaches. The	Basic: The student will be
	• Get plenty of rest		group must	able to describe the dangers
	Deploy fluids		determine the	of certain environmental
	• replace finites	annest berreterren in de	environmental	conditions and be able to

Heatstroke	• Heat index	Heat exhaustion	• Heat cramps	chapt. 6	G. Define these terms: -		 Epipens 	• Allergies	• Lyme disease	ones and sings. — chapt. o	F. Describe now to manage		lignumg	a Tithing gill	Thursday	Tornadose	weather chant 6	preparations for severa	F Discuss safety	GHITTI ATTENDED I	registant clothing	• West wind	A void getting wet	COLD CONTRACTOR	Avoid extreme	• Acclimative	• Wear dry clothing	0	cold-related injuries chapt.	D. Discuss how to prevent		• Frostbite	 Hypothermia 	problemschapt. 6	C. Discuss cold-related	
The second secon					Jume						щ							ш												t u					[T]	
							,										and the second s												0.00	doing what job.	responsible for	decide who will be	addition, they must	place to relocate. In	identify a safe	dangers and
environmental situation. The	anpropriate for a given	drill they design is not	situation and therefore, the	in a given environmental	able to describe the dangers	Weak: The students are not		written in a neat manner.	covered in class and will be	of the recommendations	The drill will include most	the environmental danger.	administrators to deal with	drill for coaches and athletic	danger and will design a	describe the environmental	Good: The students will		manner.	written in a very neat	logical, complete, and	covered in class and will be	the recommendations	The drill will include all of	the environmental danger.	administrators to deal with	for coaches and athletic	practice an appropriate way	danger and design a drill to	analyze an environmental	Excellent: The students will	Rubric for Group Work:		injuries.	prevention of environmental	discuss strategies for the

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Course/Subject Title: Sports Medicine Grade Level: Senior High Content Area: Health Education

		-	principles of extrication.	Objectives Explain and apply the	Student Learning
back injury. – chapt. 7 Backboarding Shortboarding Ambulation Stretcher	B.Describe how to safely lift and move an athlete with a serious head, neck, or	 snoulder pads Neck roll Helmet Uniforms and 	may or may not need to be removed from an athlete chapt. 7 • Face mask • Jerseys and	A. Discuss why equipment	Specific Content
	tri				Priority/Time
5. Work in teams to practice extrication. Each person will be	4. Video: "Spine Injury Management"	3. Complete the definitions of the terms on page 67.	textbook 2. Complete the Questions for Review on page	and Resources 1. Sports medicine	Suggested Learning Activities, Materials,
Basic: The student will be able to identify proper methods of extrication for athletes from the field of	the proper method of extrication for safely removing an athlete from the field of play.	play. Proficient: The student will be able to explain and apply	be able to analyze a situation in which extrication is necessary and he or she will apply the correct strategies for safely removing an	Evaluation Advanced: The student will	Expected Level of Achievement and

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:	chapt. 7	C. De
	Am Ext Nec Nec rect ta ques a ques a 7	C. Define these terms.
	Ambulatory Extrication Neck roll ss the import tackling es and the re such as spea	e ter
	n ortanc reasor earing	ms. –
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	the to p a lo safe man Equ	assi
	the team will need to place a victim on a long board in a safe and efficient manner. Equipment needed: Long board Cervical collar Belt straps to stabilize head and hands	assigned a job and
	will need will need a victim on oard in a efficient I ong board Cervical collar Belt straps to stabilize head and hands	iob a
	Team Extrication Practice: Check List Rubric Each o the items on the rubric need to be completed to receive the highest grade. Excellent: Each of these items are completed by the team. 1. log roll athlete 2. call 911 3. place cervical on athlete 4. prepare the backboard 5. roll athlete onto board under direction of leader 6. place cross-straps on athlete 7. place head straps on athlete 8. place foot strap 9. place foot strap 10. use at least four people to transport Good: Most of the check listed items are not completed. Weak: Most of the check listed items are not	play.
	Extric List I complete the comp	
	ist Rubric – Eau son the rubric rappleted to receist grade. It: Each of these completed by completed by log roll athlete call 911 place cervical athlete backboard roll athlete ont board under direction of lea place cross-stra on athlete place head stra on athlete place head stra on athlete son athlete place foot strap use at least fou people to trans fost of the check ms are not each of the check ms are not each of the check fost of the che	
	Team Extrication Practice: Check List Rubric Each of the items on the rubric need to be completed to receive the highest grade. Excellent: Each of these items are completed by the team. 1. log roll athlete 2. call 911 3. place cervical on athlete 4. prepare the backboard 5. roll athlete onto board under direction of leader direction of leader on athlete 7. place head straps on athlete 8. place host strap 9. place foot strap 10. use at least four people to transport Good: Most of the check listed items are not completed. Weak: Most of the check listed items are not completed.	
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Course/Subject Title: Sports Medicine Grade Level: Senior High Content Area: Health Education

Student Learning Objectives	Describe and apply	strategies for the	management of injuries to	the lower quadrant.				- "											
Specific Content	A.Discuss the basic	anatomy of the foot, ankle,	and lower leg chapt. 8	Bones	 Arches 	 Muscles 	 Ligaments 		B.Describe how to prevent	and treat injuries to the foot,	ankle, and lower leg	chapt. 8	 Ligament injuries 	 Ankle dislocation 	 Achilles tendonitis 	 Bone injuries 	 Stress fractures 	• Shinslints	 Anterior
Priority/Time	H									Ħ									
Suggested Learning Activities, Materials, and Resources	1. Sports medicine	textbook		Video taping series	for the ankle, foot,	lower leg, and knee		Anatomy Coloring	Book pages for the	foot, lower leg,	knee, thigh, pelvis,	and hip		4. Taping and	Evaluation labs:	The students will	work with a partner	and evaluate a	injury and then
Expected Level of Achievement and Procedures for Evaluation	Advanced: The student will	be able to evaluate a specific	area of the body and	determine what type of	injuries may occur to that	area. The student will then	be able to neatly apply the	appropriate tape job to that	area of the body to minimize	stress.		Proficient: The student will	be able to describe the types	of injuries that may occur in	a specific area of the body	and then be able to apply the	appropriate tape job to that	area of the body to minimize	Stress.

 Bone injuries Dislocation of the 	 Cruciate injuries Collateral injuries Muscle and tendon injuries 	and treat knee injuries. — chapt. 9	Viluscies Viluscies	• Ligaments	 Cartilage 	• Bones	chapt. 9	anatomy of the knee. —	D Describe the hosis	• Tendonitis	• Talus	Shinsplints	Plantar surface	 Phalanges 	Metatarsals	 Medial malleolus 	 Lateral malleolus 	 Jones fracture 	 Gastrocnemius 	• Calcaneus	Achilles tendon	chapt. 8	C. Define these terms: -		Contusions	syndrome	compartment
		ť	n					ţŢ	1														⊢				
·						-			9. tingn wrap	•	-	•	•	4 arch support	tape	3 Achilles tandon	1. ankle wrap	practiced include	The tape jobs to be	taper/evaluator.	model and the	turns being the	students will take	injury. The	job to support the	appropriate tape	apply the
-														1	evaluation form	evaluation and a self-check	on Lists. Each pair will	Taping Lab Rubric: Check-		area of the body.	to minimize stress to that	which tape job would help	then be able to identify	specific area of the body and	injuries that may occur in a	able to describe the types of	Basic: The student will be

																					- day or or other party of the													
 Stress fractures 	 Bone injuries 	 Muscle injuries 	competition chapt. 10	that occur with athletic	pelvis, and thigh injuries	and symptoms of hip,	H. Identify common signs	Rones	 Ligaments 	 Acetabulum 	A	Marche	and thigh, - chapt, 10	anatomy of the hip, pelvis,	G. Describe the basic	пдашен	 Posterior cruciate 	disorder	 Osgood-Schlatter 	Menisci	• Memscectomy	e guntumati e	 Chondromalacia 	surgery	 Arthroscopic 	ligament	 Anterior cruciate 	Chapt. 7	chapt O	F Define these terms: -	Discider	Discorder	e Meniscal injuries	
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			 Hip dislocati Contusions L Define these terms: Acetabulum Capital femore priphysis Myositis ossi
			S CHILL MES
			Hip dislocations Contusions ne these terms: Acetabulum Capital femoral epiphysis Myositis ossificans
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Course/Subject Title: Sports Medicine Grade Level: Senior High Content Area: Health Education

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Student Learning Objectives	Describe and apply strategies for the management of injuries to	the axial region.					
Specific Content	A. Describe the basic anatomy of the spine. —	 Bones cervical, lumbar, sacrum, thoracic Disks 	• Muscles	B. Discuss postural consideration. – chapt. 11	Abnormal – scoliosis, kyphosis,	lordosis B.Discuss how to prevent	and treat spine injuries and conditions. – chapt. 11 • Ligament injuries
Priority/Time)-moved			(T)			tt
Suggested Learning Activities, Materials, and Resources	Sports medicine textbook	Anatomy Coloring Book – pages for the abdominal cavity	Complete the	definitions for the terms on page 127	4. Complete the	Questions for Review on page 110, 119, 127, and	140.5. Draw a picture of
Expected Level of Achievement and Procedures for Evaluation	Advanced: The student will be able to analyze and apply	and management of injuries to the axial region of the body.	Proficient: The student will be able to describe and	apply strategies for the treatment and management	of the body.	Basic: The student will be able to identify and list strategies for the treatment	and management of injuries to the axial region.

	*		*	•	•		•	- chapt. 12	types of	D. Desc		€	6	8	ø	8	•	•	e		•	•		•	♦		chapt. 11	C. Defir		6		•	Φ		9
muscles	Abdominal	organs	Reproductive	Urinary organs	Digestive organs	quadrants	Anatomy and	12	types of abdominal injuries.	D. Describe the different		Thoracic	Scoliosis	Sacrum	Nucleus pulposus	Neutral spine	Lumbar	Lordosis	sypnosis	Winds verteoral disk	Interventation disk	nosture	Forward head	Cervical	Burner or stinger	Annulus fibrosus	,	C. Define these terms: -	•	Disk injuries	injuries	Brachial plexus	Bone injuries	injuries	Muscle and rendon
										য়ো																		-							
sporting events. Throat protector	from injury during	the throat and chest	available to protect	of equipment	7. Look at the types		injury?	type of	ofthis	prognosis	the	• What is	.?	prevented	it be	• How can	it happen?	 How does 	of injury	 Location 	class	following to the	will report the	abdominal area and	injury to the	about a type of	group is to read	6. Group Work: Each		quadrants.	lines indicating the	in the notes. Place	of the organs listed	cavity including all	me abdommai
					emon.	will demonstrate a lack of	wrong areas. The picture	or will be completely in the	quadrants will not be drawn	listed in the notes. The	of the abdominal cavity as	include most of the organs	draw a picture that does not	Weak: The student will		will be fairly neat.	proper position. The picture	be draw in the vicinity of the	addition, the quadrants will	listed in the notes. In	include most of the organs	abdominal cavity and will	draw a picture of the	Good: The student will		neat manner.	be drawn in an accurate and	addition, the quadrants will	listed in the notes. In	include each of the organs	abdominal cavity and will	draw a picture of the	Excellent: The student will	abdominal cavity.	KUDITO TO THE FIGURE OF THE

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Flail chest	 Pneumothorax 	 Sternal fracture 	 Rib fracture 	 Cartilage fractures 	 Throat lacerations 	injuries. – chapt. 13	and treat throat and thorax	H. Describe how to prevent	• Diaphragm	1	• Heart lungs	 Larynx 	 Carotid artery 	 Jugular vein 	• Esopnagus	LIIOI d.A. — CHAPE. 13	thomas whent 12	anatomy of the throat and		Kehr's sign	• Bile	CHapt. 12	chart 12	F Define these terms:	Side stitch	 Bladder injuries 	• Liver contrisions	Time	• Hernias	Kidney injury	 Pancreas injury 	spleen	 Rupture of the 	and conditions. – chapt. 12	and treat abdominal injuries	E. Describe how to prevent
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L.Describe the basic	Second impact syndromeTinnitus	 Battle sign Cerebrospinal fluid Concussion Controup 	K. Define these terms: - chapt. 14	Skull fractures Concussions Intracranial hematoma Second impact syndrome	J.Describe how to prevent and treat head injuries. —	I. Describe the anatomy of the head. — chapt. 14 The brain Cerebrospinal fluid The scalp The skull	 Pulmonary contusions Hemothorax Sucking chest wound Hyperventilation
<u></u>			(manu)		ध्य	parent	

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And the second s	Tooth dislocation Fractured tooth	Dislocation of the	Fracture of the jaw	Deviated septum	Epitstaxis	Otitis externa	pinna	Laceration of the	Ruptured globe	Eyelid laceration	Sinus fracture	Diamont fracture	Subconjunctival	Embedded object	Foreign bodies	Black eye	Detached retina	Corneal abrasions	15	M. Describe how to prevent and treat injuries to the face.	Mouth	Nose	Ears	Eyes	anatomy of the face. – chapt. 15
			der geroff framework framework										***************************************							er e	de glesse g geografig de filosopald				angatana nayye newe
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Course/Subject Title: Sports Medicine Grade Level: Senior High Content Area: Health Education

State Standard Correlation: Safety and Injury Prevention
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Student	Specific Content	Priority/Time	Suggested Learning Activities, Waterials,	Expected Level of Achievement and
Objectives			and Resources	Procedures for Evaluation
Describe and apply	A. Discuss the basic		Sports medicine	Advanced: The student will
strategies for the	anatomy of the shoulder		textbook	be able to evaluate a specific
management of injuries to	chapt 16			area of the body and
the upper quarter.	Bones		2. Anatomy Coloring	determine what type of
*	• Muscles		Book – pages for	injuries may occur to that
	onts.		the shoulder,	area. The student will then
	a Togments		elbow, wrist, and	be able to neatly apply the
	C		hand	appropriate tape job to that
	B Describe how to prevent			area of the body to minimize
	and treat injuries to the	[T]	Complete the	stress.
	shoulder region - chant 16		questions for	
	A Arromioclavichilar		review and define	Proficient: The student will
	ligament enrain		the terms on pages	be able to describe the types
	Glenohumeral		149, 157, and 163.	of injuries that may occur in
	ligament sprain			a specific area of the body
	 Rotator cuff strain 		4. Video laping series	and then be able to apply the
	 Impingement 		shoulder wrist	appropriate tape for to minimize
	syndrome		hand and finger	area or the body to minimize
	 Bicipital tendiditis 		tamno	57. 625.
	Addressing muscle		mping.	
AND THE RESIDENCE OF THE RESIDENCE AND THE PROPERTY OF THE PRO			THE RESERVE THE PROPERTY OF TH	

G. Discuss	F. Describe the basic anatomy of the wrist hand. –chapt. 18 • bones and journal of the wrist hand. –chapt. 18	sprain muscle fractur disloca tendon	E. Discuss how to trea prevent injuries to the elbow. — chapt. 17 • Collateral lig	Bones Muscle	chapt. 17	D. Describe the basic	• Ro	C. Define these terms: - chapt. 16 Impingement	we: Bot
G. Discuss how to prevent	F. Describe the basic anatomy of the wrist and hand. –chapt. 18 • bones and joints • muscles	sprain muscle strains fractures dislocations tendonitits	E. Discuss how to treat and prevent injuries to the elbow. — chapt. 17 • Collateral ligament	Bones Muscles	Ligaments	the basic	Rotator cuff Shoulder separation	e these terms: - i Impingement syndrome	weakness Bone injuries Dislocations
Ţ.	proof		tī			ш		H	
		5. thumb tape6. sling	hyperextension tape 3. wrist tape 4. buddy tape	practiced include 1. shoulder spica	model and the taper/evaluator. The tape ions to be	injury. The students will take turns being the	apply the appropriate tape job to support the	work with a partner and evaluate a body part for an injury and then	5. Taping and Evaluation labs: The students will
The state of the s						complete a peer check-off evaluation and a self-check evaluation form.	Taping Lab Rubric: Check- off Lists. Each pair will	then be able to identify which tape job would help to minimize stress to that area of the body.	Basic: The student will be able to describe the types of injuries that may occur in a specific area of the body and

H. Define these terms: - chapt. 18 avascular necrosis gamekeeper's thumb jersey finger	and treat injuries to the wrist and hand. – chapt. 18 ligament injuries dislocations tendonitis mallet finger jersey finger bone injuries
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Course/Subject Title: Sports Medicine Grade Level: Senior High Content Area: Health Education

	Objectives		Student Specific
			Priority/Time
-	and Resources	Activities, Materials,	Suggested Learning
arong season.	Procedures for	Achievement and	Expected Level of

	Explain the concepts of rehabilitation and treatment.
types of therapeutic modalities available for the treatment of athletic injuries. – chapt. 21 Heat modalities Whirlpool Cryotherapy Ultrasound Traction	A. Discuss the phases of treatment: - chapt. 21 Range-of-motion Proprioception Resistance training Findurance training Sport-specific function Rescribe the different
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Modalities Lab. — visit the training room and experience some of the heat and cold modalities. Look at the ultrasound and the high volt units.	Sports medicine textbook Complete the Questions for Review and define the terms on page 206.
modalities and correctly demonstrate how they are used. Basic: The student will be able to describe the different types of therapeutic modalities and explain how they are used.	Advanced: The student will be able to compare and contrast the different types of therapeutic modalities and correctly demonstrate how they are used. Proficient: The student will be able to explain the different types of therapeutic

																			•
stimulation	 Transcutaneous electrical 	 Sport-specific training 	 Proprioception 	 Progression 	motion	 Passive range of 	 Flexibility 	• Endurance	Effleurage	 Edema 	 Cryotherapy 	 Range-of-motion 	 Active-assistive 	chapt. 21	C. Define these terms: -	stimulation (1 ENS)	electrical	 Transcutaneous 	 Massage
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															,				The state of the s

participate in the debate.		
Weak: The student does not		
like decate.		
the debate		
use of drugs by affiletes.		
and concerns regarding the	•	
understanding of the issues		
demonstrates an		
Good. The student	 Recreational drug 	
	 Therapeutic drug 	45-55-6-
participation by others.	 Local steroid 	104-A14-A14-A14-A14-A14-A14-A14-A14-A14-A1
will encourage active	 Leukoplakia 	····
student will participate and	Drug	
use of drugs by athletes. The	DMSO	

Course/Subject Title: Sports Medicine Grade Level: Senior High Content Area: Health Education

State Standard Correlation: Concepts of Health

Specific Priority/lime Content	Priority/ i ine
Priority/lime	(P
	Activities, Materials, and Resources

and concerns regarding me			 Anabolic steroid 	THE REAL PROPERTY OF THE PROPE
and concerns recording the			Chapt. 20	
understanding of the issues		C	C. Donne wood commo.	
demonstrate a deep			C Define these terms:	
Excellent: The student will	high schools.		"Sourie. Army . To	
Debate Rubric:	drug testing in the	T	testing - Chant 26	
	debate the issue of		R Discuss the issue of drug	
drugs in athletics.	students will		Surdon nobus	
issues relating to the use of	4. Class Debate: The		Blood doning	
able to identify some of the			• DMSO	
Basic: The student will be	254.		 Anabolic steroids 	
	the terms on page		Cocaine	
in athletics.	Review and define		 Recreational drugs 	
relating to the use of drugs	Questions for		 Antibiotics 	
be able to evaluate the issues	3. Complete the		 Local steroids 	
Proficient: The student will			inflammatory drugs	
	Steroids"		 Nonsteroid anti- 	
the use of drugs in athletics.	2. Video – "Anabolic		26	
argue the issues surrounding			recreational drugs chapt.	
be able to evaluate and	textbook		between therapeutic and	to the use/non-use of drugs.
Advanced: The student will	 Sports medicine 	tri	A.Discuss the difference	Evaluate the issues relating

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 Protein supplements 	Amino acidsCreatine	F. Discuss the different types of nutritional supplements used by athletes. – chapt.27	recommendations for the pregame and the postgame meals. — chapt. 27	Bulimia Obesity	disorders. — chapt. 27 • Anorexia nervosa
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