Course Information

Division: Health & Physical Education
Course Number: HPE 295
Title: Athletic Training Practicum IV
Credits: 3
Developed by: Andrea Bagnall
Lecture/Lab Ratio: 0 Lecture/6 Lab
Transfer Status:

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<th>ASU</th>
<th>NAU</th>
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<td>EXW Department Elective</td>
<td>Elective Credit—and—AT 200</td>
<td>Non Transferable</td>
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Activity Course: No
CIP Code: 13.1314
Assessment Mode: Portfolio
Semester Taught: Upon Request
GE Category: None
Separate Lab: No
Awareness Course: No
Intensive Writing Course: No

Prerequisites
None

Educational Value
It is designed to eventually meet the needs of students involved in other Health and Physical Education programs.

Description
To teach and evaluate competencies in acute care of injury and illness, assessment and evaluation, general medical conditions, health care administration, nutritional aspects of injury and illness, pharmacology, professional development and responsibilities, risk management and injury prevention, therapeutic exercise, and therapeutic modalities. Identical to HHP 295.

Supplies
None
Competencies and Performance Standards

1. Explain and demonstrate Stabilization and Transport in regard to Acute Care of Injury and Illness

   **Learning objectives**
   *What you will learn as you master the competency:*
   a. stabilize and transport an athlete head and/or spinal injury
   b. stabilize and transport an athlete with a fracture and/or dislocation
   c. select, fit, and instruct an athlete in use of a cane or crutches

   **Performance Standards**
   *You will demonstrate your competence:*
   o instructor observation/evaluation of learner explaining and demonstrating the stabilization and transport of an athlete

   *Your performance will be successful when:*
   o you successfully demonstrate the stabilization and transportation of an injured athlete
   o you successfully demonstrate the selection, fitting, and instruction of crutches and canes

2. Explain and locate abdominal quadrants in regard to General Medical Conditions

   **Learning objectives**
   *What you will learn as you master the competency:*
   a. palpation of the four quadrants to assess guarding and rigidity
   b. palpation of the four quadrants to assess location of pain

   **Performance Standards**
   *You will demonstrate your competence:*
   o instructor observation/evaluation of learner palpating the four quadrants for rigidity, guarding, and pain

   *Your performance will be successful when:*
   o you successfully palpate the four abdominal quadrants to assess rigidity, guarding, and pain

3. Explain and demonstrate how to Assess/Submit Insurance Claims in regard to Health Care Administration

   **Learning objectives**
   *What you will learn as you master the competency:*
   a. explain the criteria needed to submit insurance claims
   b. explain and demonstrate the steps involved in submitting insurance claims

   **Performance Standards**
   *You will demonstrate your competence:*
   o instructor observation/evaluation of learner explaining and demonstrating how to assess/submit insurance claims

   *Your performance will be successful when:*
   o you successfully explain the criteria needed to assess/submit insurance claims
   o you successfully demonstrate how to assess/submit insurance claims
4. **Explain and demonstrate the ability to determine energy expenditure and caloric intake in regard to Nutritional Aspects of Injury and Illness**

*Learning objectives*

*What you will learn as you master the competency:*

a. explain and demonstrate how to determine energy expenditure when designing a nutrition program

b. explain and demonstrate how to determine caloric intake when designing a nutrition program

*Performance Standards*

*You will demonstrate your competence:*

- instructor observation/evaluation of learner explaining and demonstrating how to determine energy expenditure and caloric intake

*Your performance will be successful when:*

- you successfully explain how to determine energy expenditure and caloric intake
- you successfully demonstrate how to determine energy expenditure and caloric intake

5. **Explain the use of Poison Control Services in regard to Pharmacology**

*Learning objectives*

*What you will learn as you master the competency:*

a. explain the steps in activating the Poison Control Center

b. demonstrate the steps in reporting including: name and age of the person taking the medication; name and dosage of drug taken; time that the drug was taken; and signs and symptoms associated with overdose.

*Performance Standards*

*You will demonstrate your competence:*

- instructor observation/evaluation of learner explaining and demonstrating how to activate a poison control center and replicate the reporting process of a drug overdose or poisoning situation

*Your performance will be successful when:*

- you successfully activate the poison control center
- you successfully complete a report on a drug overdose or poisoning situation
6. **Explain the interaction of peers and the Sports Medicine Advisory Team (SMAT) in regard to Professional Development and responsibilities**

**Learning objectives**

*What you will learn as you master the competency:*

- a. explain the interaction with the SMAT and peers to enhance professional development
- b. demonstrate the ability to develop a professional resume

**Performance Standards**

*You will demonstrate your competence:*

- instructor observation/evaluation of learner explaining and demonstrating the enhancement of Professional Development

*Your performance will be successful when:*

- you successfully explain and demonstrate how to enhance professional development and responsibilities

7. **Select and fit Protective Equipment in regard to Risk Management and Injury Prevention**

**Learning objectives**

*What you will learn as you master the competency:*

- a. select and fit standard protective equipment including: helmets, shoulder pads, and mouth guards
- b. select and fit prophylactic ankle and knee braces

**Performance Standards**

*You will demonstrate your competence:*

- instructor observation/evaluation of learner selecting and fitting protective gear

*Your performance will be successful when:*

- you successfully select and fit standard protective equipment
- you successfully select and fit prophylactic braces

8. **Explain and demonstrate the selection of appropriate parameters for Therapeutic Modalities**

**Learning objectives**

*What you will learn as you master the competency:*

- a. explain and demonstrate the application of Ultrasound: thermal, non-thermal, and phonophoresis combo
- b. explain and demonstrate the techniques for Therapeutic Massage: effleurage, petrissage, tapotement, and myofascial release techniques

**Performance Standards**

*You will demonstrate your competence:*

- instructor observation/evaluation of learner explaining and demonstrating Therapeutic Modalities and Therapeutic Massage

*Your performance will be successful when:*

- you successfully explain and demonstrate the parameters the Therapeutic Modalities and Therapeutic Massage
Types of Instruction
Clinical

Grading Information
Grading Rationale
Clinical Testing 50%
Evaluations 50%

Grading Scale
A  90% or above
B  80-89%
C  70-79%
D  60-69%
F  59% or below