

## MEMORANDUM

**To:** Graduate Curriculum Committee  
**From:** Grace Fleming, School of Graduate Studies  
**Date:** 01/01/2007  
**Subject:** Minutes for October 31, 2007

The Graduate Curriculum Committee met in Victor 219, Wednesday, October 31, 2007 at 1:30 pm. Those in attendance included: Mike Price (Chair), Ray Hashemi, Greg Wimer, and Pam Harwood. Mark Finlay was a guest.

- I. Approval of September 26, 2007 minutes.
- II. The following items were approved:

### **I. College of Arts and Sciences**

#### **E.Criminal Justice, Social, & Political Science**

##### **1.Cross-list the Following Course with ITEC 5001U/G:**

**CRJU 5001U/G - Cyber Security I 3-0-3**

**Undergraduate Prerequisite: CSCI 2070**

**Graduate Prerequisite: None**

**Description: Current standards and best practice in information assurance and security. Topics include evaluation of security models, risk assessment, threat analysis, security implementation, disaster recovery planning, and security policy formulation and implementation.**

Rationale: This is to be cross-listed with ITEC 5001U/G

**Effective Term: Spring 2008**

#### **CURCAT:**

**Major Department: Criminal Justice**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 3**

**Grading Mode: Normal**

**Instruction Type: Lecture**

**Cross-listed: ITEC 5001U/G**

**2. Cross-list the Following Course with ITEC 5002U/G**

**CRJU 5002U/G - Cyber Security II 3-0-3**

**Undergraduate Prerequisite: CRJU 5001U**

**Graduate Prerequisite: CRJU 5001G**

**Description: Concepts of countermeasures and safeguards such as remote access controls, firewalls, intrusion detection systems, virtual private networks, data encryption.**

Rationale: This is to be cross-listed with ITEC 5002U/G.

**Effective Term: Spring 2008**

**CURCAT:**

**Major Department: Criminal Justice**

**Can Course be repeated for additional credit? No**

**Maximum Number of Credit Hours: 3**

**Grading Mode: Normal**

**Instruction Type: Lecture**

**Cross-listed: ITEC 5002U/G**

**II. Health Professions**

**B. Health Sciences MSSM**

**1. Please make the following modifications in the program of study:**

*(Note: All courses listed in the MSSM program of study below already exist. Only four new potential electives have been added.)*

**Area B**

**Required Courses – 21 Hours**

SMED/PECI 5060G Physiological Foundations of Sports & Physical Activity (3-0-3)

SMED 7400 Biomechanics of Musculoskeletal Injury (3-0-3)

SMED/PECI 5070G Theory and Methodology of Strength & Conditioning (3-0-3)

PUBH 7200 Biostatistics (3-0-3)

SMED 8900 Thesis/Professional Project in Sports Medicine 1 (3-0-3)

SMED 8910 Thesis/Professional Project in Sports Medicine 2  
(3-0-3)

Guided Electives – **15 Hours**

**SMED 5005G Musculoskeletal Basis of Exercise (3-0-3)**  
**SMED 5015G Assessment and Evaluation Musculoskeletal Injuries (3-0-3)**  
**SMED/PECI 6080 Performance Evaluation and Exercise Testing 3-0-3)**  
**PUBH 7110 Epidemiology (3-0-3)**  
SMED 7990 Special Topics in Sports Medicine (3-0-3)  
SMED 5090G Nutritional Issues in Sports Medicine (3-0-3)  
PUBH 5555G Health and Human Performance (3-0-3)  
PEEC 5580G Physical Activity and the Older Adult (3-0-3)  
SMED 5940G Internship Strength & Conditioning (V-V-1-3)  
SMED 7050 Drugs and Ergogenic Aids in Sports Medicine (3-0-3)  
SMED 7700 Self Directed Student Research in Sports Medicine (V-V-1-3)  
  
SMED 7800 Psychosocial Iss. In Sports Medicine & Phys Activity (3-0-3)  
  
SMED 8100 Organizational Leadership in Sports Medicine (V-V-1-3)  
  
SMED 8475 Internship in Sports Medicine(V-V-1-3)  
SMED 8810 Cardiopulmonary & Pathophysiology, Exercise and Rehab (3-0-3)

Rationale: This reflects recent changes approved by the Graduate Coordinating Council.

#### IV. School of Computing

##### B.Information Technology

###### 1.Create the following course:

**ITEC 5001U/G - Cyber Security I 3-0-3**

**Undergraduate Prerequisite: CSCI 2070**

**Graduate Prerequisite: None**

**Description: Current standards and best practice in information assurance and security. Topics include evaluation of security models, risk assessment, threat analysis, security implementation, disaster recovery planning, and security policy formulation and implementation.**

Rationale: The impact of ubiquitous computing and the Internet calls for rapid changes in computer systems and the criminal justice system at all levels. From threats to national security to

banking fraud to simple fraudulent schemes for the unassuming, the “cybersphere” has become the place where crime is committed and must therefore be detected and handled accordingly. Graduate students will be required to do an extra research paper or project. This is to be cross-listed with CRJU 5001U/G—description for both courses should be identical.

**Effective Term: Spring 2008**

**CURCAT:**

**Major Department: Information Technology**  
**Can Course be repeated for additional credit? No**  
**Maximum Number of Credit Hours: 3**  
**Grading Mode: Normal**  
**Instruction Type: Lecture**  
**Cross-listed: CRJU 5001U/G**

2. **Create the following course:**  
**ITEC 5002U/G - Cyber Security II** **3-0-3**  
**Undergraduate Prerequisite: CRJU/ITEC 5001U**  
**Graduate Prerequisite: CRJU/ITEC 5001G**  
**Description: Concepts of countermeasures and safeguards such as remote access controls, firewalls, intrusion detection systems, virtual private networks, data encryption.**

Rationale: Cyber Security I provides a foundation of the concepts of cyber security technologies. This course extends on the concepts to provide a basic knowledge and hands-on experience of countermeasures and safeguards in cyber security. Graduate students will be required to do an extra research paper or project. With these two courses, we will give Armstrong graduates the opportunities to acquire skills and knowledge that are essential in the changing criminal justice/information security environment. This is to be cross-listed with CRJU 5002U/G—description for both courses should be identical.

**Effective Term: Spring 2008**

**CURCAT:**

**Major Department: Information Technology**  
**Can Course be repeated for additional credit? No**  
**Maximum Number of Credit Hours: 3**  
**Grading Mode: Normal**  
**Instruction Type: Lecture**  
**Cross-listed: CRJU 5002U/G**