Course Change Form

Date of Request: June 23, 2009

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Course Addition

Originator: Joe Francom
Department: CIT
Replacement Course ID:

1. Course Title: Information Security
   Prefix & Num.: IT 4500

2. Pre-requisite(s): CS 1410 and IT 3100
   Co-requisite(s):
   Instructor permission required: No
   Class Hours/Week:
   *LEC: 3.00
   *LBC w/ cr: 0.00
   *LNC w/ no cr: 0.00
   Credits: 3.00
   Clinical: 0.00
   Practicum: 0.00
   Independent Study: 0.00

3. Semester to be Implemented: Fall, 2009
   Day: ☑
   Extended Day: ☐
   Grade type: Regular

4. Cost Code:
   Lab Fee: $0.00
   Additional Fees: $25.00
   Potential WLF: 3.33

   Explanation of Fees: CIT Facilities support

5. Is this course designed for a specific group? Yes
   Who? CIT majors. Required for IT emphasis students.

6. Catalog Description:
   ☑ Now in Print, or ☐ Proposed Below:
   This course is an upper-level course in computer related security. Students will review general security concepts and principles such as access control, database security, and intrusion detection. Students will also learn the major types of exploits and attacks such as denial of service and how to protect against them. Data security and recovery principles such as cryptography, steganography, and computer forensics will also be covered. This course will look at tools to mitigate security risks and to explore disaster recovery principles.

7. Course justification (attach sheets if needed):
   Information security has become a very important topic in information technology. While elements of security are discussed in most of the IT courses, it will be beneficial to the students to present security in a coherent organization through this course.

8. Are library resources adequate to support this change? Yes
   If not, how are those resources to be acquired?

9. Are technical and other resources available? Yes
   If not, how are those resources to be acquired?

10. Relationship to the curriculum: Would the course fill a G.E. requirement? No
    If yes, which G.E. area?
    If it does not fill a G.E. requirement, would the course offer elective credit? Yes

11. Transferability of the course: List comparable courses at other colleges and universities:

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<th>G.E.</th>
<th>Elective</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prefix &amp; Num.</th>
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   Approval Signatures:

   Department Chair: ____________________________ Date: _________
   Associate Dean/Dean: ___________________________ Date: _________
   Curriculum Chair: ____________________________ Date: _________
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Academic VP: ________________________________  Date: __________