Course Change Form

Course Addition

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
   *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: TEC 301
   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 as well and 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>
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<th>Credits</th>
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Approval Signatures:

Department Chair: Curtis Y. Larson Date: 6/8/09
Associate Dean/Dean: Curtis Hasfurther Date: 6/8/09
Curriculum Chair: Date: 
Course Change Form

Date of Request:
June 8, 2009
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Academic VP: ___________________________ Date: ________