

New Course Proposal Form

(Revised 03/13/08)

Educational Policy and Curriculum Committee

1. Department: Computer Science
Date: 10/23/08
2. Course Number and Title: CMSC 370 Information Assurance
3. Course description as it is to appear in the catalog.

This course investigates a broad selection of contemporary issues in computer security. Specific topics include: security threats, cryptographic techniques, trusted computer systems, access control mechanisms, and authentication mechanisms. Software packages for firewalls, virus scanning, virtual private networks, and encrypted drives are used. Legal and ethical issues are also discussed. Prerequisite: CMSC 340 Introduction to Networks, or permission of instructor. Three hours.

4. What is the rationale for the addition of this course?

Computer security is an important topic that most computer science students need exposure to. This course has been successfully taught as a special topic in both the daytime and the evening / weekend programs.

5. How does this course addition affect the department teaching load?

No effect, as it has already been added to the schedule as a special topic.

6. Will this course be a requirement or an elective? If a requirement, how does it affect the major/minor?

This course will be an elective for CIS and CMSC majors/minors.

7. Will this course addition affect other departments and/or programs? (e.g.: Teacher licensure, Cornerstones, requirements for other majors/minors, etc.)

No effect

8. How frequently will the course be offered?

Every other year.

9. Who will be teaching this course?

Dave Anderson - evening and weekend program

Paul Craven - daytime program

10. Is this course going to be a Cornerstone? If yes, please fill out the Cornerstone proposal form as well.

No, it will not be a cornerstone.

Proposed BY:

Paul Craven

10/23/08

Signature of Department Chair or
Program Director

Date

REVIEWED BY:

Pat Singer

10-23-08

Signature of Division Chair

Date

Comments:

Andrew Morgan

10-28-08

Signature of Academic Dean

Date

Comments:

Signature of Education Department Chair**

Date

Comments:

Other Reviewers**

Date

Comments:

Date

Comments:

**if applicable