

Course Outcomes Guide

Course Title: CYB 210 Ethics in the Information Age

Course Instructor(s): Tatyana Zidarov

Programs AAS Cyber Security, AS Cyber Security

Expected Learning Outcomes

- Think critically
- Communicate effectively with both verbal and written forms
- Perform and share cooperatively in a team project
- Review and practice computer and network etiquette and ethics found in working environments
- Apply ethical theories to evaluate individual and group behavior when using a variety of information technology tools.
- Construct arguments in a variety of formats on the evolving nature of ethical norms relating to new technologies.

Assessment (How do students demonstrate achievement of these outcomes?)

Satisfactory scores on exams, papers and projects.

Complete of individual papers. Weekly students are presented a scenario involving choice and ethical decisions. Students write a summary of what they would do in that situation and why.

Complete 2nd set of individual papers.

Select from a list of Case Studies and discussion questions regarding the case. Present case in papers.

Participate in Class Discussions with current issues such as privacy, freedom of expression, intellectual property, and social networking working in teams.

Participate in Team Debate

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Validation (What methods are used to validate your assessment?)

1. Approval of Information Systems Technology Advisory Council
2. Tests/papers comparable to CyberWATCH model curriculum.
3. Faculty Review

Results (What do the data show?)

Since the 2012 fall semester a total of 112 students have taken CYB 210 Ethics in the Information Age.

93 (84%) of the students completed the course and 93 (84%) were successful.

The grade distribution is as follows:

| | | |
|---|----|-----|
| A | 53 | 47% |
| B | 17 | 15% |
| C | 23 | 21% |
| D | 0 | 0% |
| F | 10 | 9% |

There was 1 audit and 8 withdrew from the course.

Follow-up (How have you used the data to improve student learning?)

84% of students completing course requirements successfully complete coursework

Students feel debates should be included within course assignments.

Inclusion of a course in Ethics into the Cybersecurity curriculum is encouraged by Cyberwatch and the HCC advisory board.

Budget Justification

(What resources are necessary to improve student learning?) N/A