

Syllabus: CSCE-4010-Social Issues in Computing

Textbook

Computer Ethics, 4th Edition, by Deborah G. Johnson, Pearson/Prentice Hall, ISBN: 978-0-13-111241-4

Course Description

The effect of computer science and engineering on the home and workplace, with emphasis on the role of the computer professional in modern society.

This course will consist of a combination of critical thinking and synthesis of ideas and concepts into articulate and coherent arguments. While there may be few absolutely right or wrong answers in this course, you will be required to discern more defensible arguments from less defensible and create your own persuasive stances on the issues covered.

Course Outcomes

Course Outcomes are measurable achievements to be accomplished by the completion of the course. These outcomes are evaluated as part of our ABET accreditation process.

1. Develop an awareness of the social responsibilities of computer science and engineering.
2. Understand the need for computer science and engineering ethics.
3. Generate an effective written communication incorporating a topic related to social and ethical issues and principles in computer science and engineering.
4. Deliver an oral presentation about a topic related to a particular social or ethical issue related to computer science and engineering.

Due Dates

The following tables include some important due dates of different modules. But may not include every due date of your assignments. Always check Canvas for updates.

Modules	Due Date
Module 01: Introduction to Computing Ethics	Sep 15: Quiz; Sep 17: Discussion
Module 02: General Ethics	Sep 24, 2021
Module 03: Ethical Theories	Oct 1, 2021

Module 04: IT Configured Societies	Oct 8, 2021
Module 05: Privacy	Oct 22, 2021
Module 06: Digital Intellectual Property	Nov 5, 2021
Module 07: Digital Order	Nov 19, 2021
Module 08: Power Dynamics	Dec 3, 2021

Course Projects	Due Date
Project Proposal Submission	Sep 20, 2021
Introduction and Background Sections Submission	Oct 4, 2021
Ethical Framework and Personal Position Sections Submission	Oct 18, 2021
First Draft Submission	Nov 15, 2021
Video Script Outline Submission	Nov 15, 2021
Final Paper Submission	Nov 29, 2021
Course Video Submission	Nov 29, 2021