

CSCD 302 Computing Ethics Syllabus
Eastern Washington University

Materials (required):

- **NetStorage:** <https://webstorage.ewu.edu>
- **Canvas.ewu.edu**

Credits: 4

Duration: Quarterly

Instructor:

- Rob Lemelin
- Email: rlemelin@ewu.edu
- Phone 359-6016
- Office Computer & Engineering Sciences Building, Room 310
- Hours 10 am to 10:50 am Monday through Thursday and by appointment

Course Description:

- *This course explores the uses of computing technologies from a socio-cultural perspective, including the impacts of information systems on individuals, organizations, and society and future directions in which the forces of technology and computing are tending to move us.*

Course Topics:

- *The students will demonstrate how this class differs from other computer science courses.*
- *The students will demonstrate why we should concern ourselves with “right” behavior.*
- *The students will demonstrate how the convergence of science, technology, governmental activities, and the marketplace raise new issues.*
- *The students will demonstrate the understanding of the difference of morals vs ethics.*
- *The students will be able to choose an appropriate tool for analyzing an ethical problem.*
- *The students will identify codes of ethics and professional behavior.*
- *The students will identify privacy issues.*
- *The students will conduct literature reviews.*
- *The students will demonstrate knowledge of intellectual property and plagiarism issues.*
- *The students will gain knowledge of security issues.*
- *The students will be aware of proactive professional involvement.*

Supported Program Outcomes:

(b) Students will have the ability to analyze the local and global impact of computing on individuals, organizations, and society.

Outcome-related Learning Objective:

- The student will be able to identify the stakeholders and explain the impacts of a computing-related ethical issue on those stakeholders*

(c) Students will have the ability to communicate effectively with a range of audiences.

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Outcome-related Learning Objectives:

- ii. The student will be able to express their analysis of an ethical question in written form.

(d) Students will have an understanding of professional, ethical, legal, security, and social issues and responsibilities.

Outcome-related Learning Objectives:

- iii. The student will be able to compare and explain the resolution of a computing-related ethical issue from the perspective of the relevant frameworks.

Course Assignment/Work Schedule:

| Week | Activities |
|--------|--------------------------|
| One | Written Assignment One |
| Two | Quiz One |
| Three | Written Assignment Two |
| Four | Quiz Two |
| Five | Mid Term Exam |
| Six | Quiz Three |
| Seven | Written Assignment Three |
| Eight | Quiz Four |
| Nine | Written Assignment Four |
| Ten | Quiz Five |
| Finals | Final Exam |

Note: Learning Experiences/Assignments will be in the form of daily discussions and Weekly Posts on materials being covered.

Text: A Gift of Fire Social, Legal, and Ethical Issues for Computing Technology

Fifth Edition

By Sara Baase and Timothy M. Henry

Policies:

- Students are expected to do their **own** work on papers, assignments, quizzes, and exams. **If** student(s) are caught cheating, both the student helping and the student being helped **may** receive a **XF** for the class. Students need to be aware of the academic integrity policy at Eastern Washington University.
- I reserve the right to administer a “pop quiz” if I think cell phone use is beyond tactful.
- Students using laptop computers during lectures are able to sit anywhere except in the back row.

Academic Integrity:

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- All students are expected to act in accordance with the ACM Standards for Professional Behavior available through this link <http://access.ewu.edu/computer-science/code-of-ethics> . While I expect, and encourage, students to work together in an appropriate manner, taking credit for someone else's work is forbidden and is grounds for receiving a 0.0 in the class. Appropriate activities include discussing program ideas, helping with code debugging, and offering suggestions based on a running program. Inappropriate behavior includes jointly developing a program and submitting it separately, putting your name on a copy of someone else's code, and using an algorithm or code copied from any source without crediting the source. Should you have any questions about appropriate behavior, please talk with me before submitting your work. Instances of cheating will be dealt with SEVERELY. You may be expelled from the university, expelled from the degree program, or given a 0.0 in the class

ADA:

- Americans with Disabilities Act: If there is any student in this class who has special needs for accommodation, please feel free to discuss the matter with the instructor. Students requiring accommodations need to contact Kevin Hills, Director of Disability Support Services (DSS). He can be reached at (509) 359-4706. The DSS Office is located in 121 TAW.

Affirmative Action:

- Eastern Washington University adheres to affirmative action policies to increase the number and retention of students and employees from historically underrepresented groups.

Equal Opportunity:

- EWU does not discriminate on the basis of race, color, creed, religion, national origin, sex, pregnancy, sexual orientation, gender identity/expression, genetic information, age, marital status, families with children, protected veteran or military status, HIV or hepatitis C, status as a mother breastfeeding her child, or the presence of any sensory, mental, or physical disability or the use of a trained guide dog or service animal by a person with a disability, as provided for and to the extent required by state and federal laws.

Attendance:

- Attendance and class participation is part of your class grade, you will be receiving important information and assignments from your instructor during class time, so showing up for class could very well improve your class grade. **IMPORTANT**, some information will **only** be given during class.

Assignments:

- Assignments will be turned in through canvas.ewu.edu. Please follow naming instructions for each individual assignment.

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- After your assignments are graded they will be posted on canvas. It is **your** responsibility to double check and make sure that they have been correctly posted. Failure to double check could result in the loss of points for your labs. It would be wise to keep your assignments until you have checked to make sure they have been posted. **Using the instructor's office hour to have corrections made or personal questions answered, is the best practice.**
- Assignments turned in late will be docked 25% per day. After four days late, no credit will be earned.
- Written assignments will be evaluated for content, grammar, and proper format. Formatting details will be given on an assignment by assignment basis.

Required Activities:

- Class attendance and participation; e-mail and bulletin board participation; Internet access and research; three writing assignments of graduated length, complexity, and weight over the term; collaborative group work, and participation in group presentation.

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Grading Scale:

- Numerical percentage is calculated by dividing total points by total points possible.
Conversion to grade point system is as follows:

95-100%: 4.0

62-94%: subtract 0.1 grade point for each percentage point less than 95.

60-62%: 0.7

0-59%: 0.0

| | |
|----------|----|
| 95-100 | A |
| 92 | A- |
| 88 | B+ |
| 85 | B |
| 82 | B- |
| 78 | C+ |
| 75 | C |
| 72 | C- |
| 68 | D+ |
| 65 | D- |
| 62 | D- |
| below 62 | F |

Course Grading

- 4 writing assignments 100 points total
- Discussion Participation 50 points total
- Weekly Topical Posts 100 points total
- 5 Quizzes 100 points total
- 2 Exams 100 points total