**Course Prefix/Number/Title: CSCI 289 – Social Implications of Computer Technology**

**Number of Credits:** 3 Credits

**Course Description**: An introduction to the effects of computer technology on society and individuals and to ethical problems faced by computer professionals. Topics covered include privacy, the nature of work, centralization versus decentralization and the need for human factors analysis in the development of a new computer system.

**Pre-/Co-requisites:** None

**Course Objectives:**

- Determine solutions to computer-related problems from technology.
- Describe how computers have changed institutions and conventions.
- Compare the risks and problems of computer technology with other technologies and non-computerized alternatives.
- Discuss current issues and controversies regarding technology.
- Analyze ethical issues facing today's computer professionals.

**Instructor:** Kayla O'Toole

**Office:** NSC 102

**Office Hours:** By Appointment

**Phone:** 701-228-5479

**Email:** kayla.otoole@dakotacollege.edu

**Lecture/Lab Schedule:** Online

**Textbook(s):** Gift of Fire, Social, Legal and Ethical Issues for Computing Technology, 5th edition, Baase, Henry, 2018, Pearson, 978-0-13-461527

**Course Requirements:** Instruction procedures include lecture, class discussion and participation, individual assistance and tests. Grades will be calculated by dividing total points earned by total points available. You will need access to a desktop or laptop computer to take this class. You cannot use your phone or tablet to take this class.

- Intro Discussion     5 points
- Quizzes (6 quizzes, each worth 10 points)     60 points
- Quiz (Syllabus)     5 points
- Discussions (8 discussions, each worth 10 points)     10 points
- Midterm Exam     20 points
- Homeworks (14 homeworks, each worth 20 points)     280 points
- Final Exam     20 points

**Total: 400 points**

**Grading Scale:**
- A = 90-100%
- B = 80-89%
- C = 70-79%
- D = 60-69%
- F = 0-59%

**Tentative Course Outline:**

| Topic | Chapter | What's Due? | Points | Due Date |
|---|---|---|---|---|
| Welcome | | Intros<br>Syllabus Quiz | 5<br>5 | Jan. 17 |
| Topic 1 - Unwrapping the Gift | Ch. 1 | Homework – T1<br>Discussion – T1 | 20<br>10 | Jan. 21 |
| Topic 2 – Unwrapping the Gift | Ch. 1 | Homework – T2<br>Quiz – T2 | 20<br>10 | Jan. 27 |
| Topic 3 – Privacy | Ch. 2 | Homework – T3<br>Discussion – T3 | 20<br>10 | Feb. 3 |
| Topic 4 – Privacy | Ch. 2 | Homework – T4<br>Quiz – T4 | 20<br>10 | Feb. 10 |
| Topic 5 – Freedom of Speech | Ch. 3 | Homework – T5<br>Discussion – T5 | 20<br>10 | Feb. 18 |
| Topic 6 – Intellectual Property | Ch. 4 | Homework – T6<br>Quiz – T6 | 20<br>10 | Feb. 24 |
| Topic 7 – Crime and Security | Ch. 5 | Homework – T7<br>Discussion – T7 | 20<br>10 | Mar. 3 |
| Midterm | | Midterm Exam | 20 | Mar. 7 |
| Spring Break | | Mar. 8-15 | | |
| Topic 8 – Crime and Security | Ch. 5 | Homework – T8<br>Quiz – T8 | 20<br>10 | Mar. 24 |
| Topic 9 - Work | Ch. 6 | Homework – T9<br>Discussion – T9 | 20<br>10 | Mar. 31 |
| Topic 10 – Evaluating and Controlling Technology | Ch. 7 | Homework – T10<br>Discussion – T10 | 20<br>10 | Apr. 7 |
| Topic 11 – Evaluating and Controlling Technology | Ch. 7 | Homework – T11<br>Quiz – T11 | 20<br>10 | Apr. 14 |
| Topic 12 – Errors, Failures, and Risks | Ch. 8 | Homework – T12<br>Discussion – T12 | 20<br>10 | Apr. 22 |
| Topic 13 – Errors, Failures, and Risks | Ch. 8 | Homework – T13<br>Quiz – T13 | 20<br>10 | Apr. 28 |
| Topic 14 – Professional Ethics and Responsibilities | Ch. 9 | Homework – T14<br>Discussion – T14 | 20<br>10 | May 12 |
| Final | | Final Exam | 20 | May 14 |

**General Education Competency/Learning Outcome(s) OR CTE Competency/Department Learning Outcome(s):** Employs industry specific skills in preparation for workplace readiness.
Learning Outcome #2: Employ management of information procedures.

**Relationship to Campus Focus:** At first, nature and technology may seem to be opposites, but people by nature, are curious. This curiosity and quest for knowledge has led to the development of all technology. In turn this technology can be used to care for the Earth and therefore, improve the quality of life for all people.

**Classroom Policies:**

- Students are required to complete all class activities.
- Cheating will result in the automatic failure of this course.
- All assignments will be submitted in Blackboard.
- Assignments that are late will have points deducted accordingly. 10% for each day late. Once an assignment has reached a value of zero, it will not be accepted.
- Incompletes are handled according to the campus policy.

**Student Email Policy:**
Dakota College at Bottineau is increasingly dependent upon email as an official form of communication. A student's campus-assigned email address will be the only one recognized by the Campus for official mailings. The liability for missing or not acting upon important information conveyed via campus email rests with the student.

**Academic Integrity:**
According to the DCB Student Handbook, students are responsible for submitting their own work. Students who cooperate on oral or written examinations or work without authorization share the responsibility for violation of academic principles, and the students are subject to disciplinary action even when one of the students is not enrolled in the course where the violation occurred. The Code detailed in the Academic Honesty/Dishonesty section of the Student Handbook will serve as the guideline for cases where cheating, plagiarism or other academic improprieties have occurred.

**Disabilities or Special Needs:**
Students with disabilities or special needs (academic or otherwise) are encouraged to contact the instructor and Disability Support Services.

**Title IX:**
Dakota College at Bottineau (DCB) faculty are committed to helping create a safe learning environment for all students and for the College as a whole. Please be aware that all DCB employees (other than those designated as confidential resources such as advocates, counselors, clergy and healthcare providers) are required to report information about such discrimination and harassment to the College Title IX Coordinator. This means that if a student tells a faculty member about a situation of sexual harassment or sexual violence, or other related misconduct, the faculty member must share that information with the College's Title IX Coordinator. Students wishing to speak to a confidential employee who does not have this reporting responsibility can find a list of resources on the DCB Title IX webpage.

**AI Student Policy:**
Unless otherwise indicated in the course syllabus, or in individual instructions for course assignments, or in the absence of the express consent of the course instructor, students are not allowed to utilize generative AI to help produce any of their academic work. Any violation of this policy will be considered an act of academic dishonesty as outlined within the Dakota College Code of Student Life.

RESPONSIBILITIES

| Students | <ul><li>Responsible to follow the syllabus and assignment instructions regarding use of generative AI for all academic work.</li><li>Obtain permission of the instructor prior to the use of generative AI that is outside of the syllabus or assignment instructions. Provide appropriate rationale for how the use</li></ul> |
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| | of generative AI will enhance the learning experience for the assignment.<br>• In instances where generative AI is permissible, appropriately cite the generative AI program used and indicate where in the assignment it was used, in a brief submission statement. |
| Faculty | • Determine if the use of generative AI could enhance student learning in any assignment of project.<br>• Clearly indicate in all course syllabi if generative AI is allowable for any academic work.<br>• If allowable, give specific parameters for how and when generative AI may be used.<br>• If a violation of generative AI for the individual course/syllabus is suspected, discuss the concern with the student. If violation is still suspected, inform the appropriate semester coordinator/program director. |