

CSCI 106: Careers in Computer Science

Fall 2020 Syllabus

Exploration of various careers available in the general area of Computer Science. Includes discussion of strategies for success in the major. Computer Science faculty members also will discuss possible undergraduate research opportunities and motivation for graduate education.

Administrative

Instructor: Trish Duce | ducepa@mso.umt.edu | Social Science 412 | 406-370-9432

Class: Tuesday, 9am-9:50am, Education Building AUD

Office hours: By appt or Monday, 1pm-1:50pm on Zoom: <https://umontana.zoom.us/j/92969246502>

Prerequisites: None.

Required Textbook: None.

Website: Moodle (<http://umonline.umt.edu>)

Safety:

- Mask use is required within the classroom
- Each student is provided with a cleaning kit. The expectation is that students will clean their personal work space when they arrive for class, and before they leave the classroom
- Classrooms may have one-way entrances / exits to minimize crowding
- Students should be discouraged from congregating outside the classroom before and after class
- Specific seating arrangements will be used to ensure social distancing and support contact tracing efforts
- Class attendance will be recorded to support contact tracing efforts
- Drinking liquids and eating food is discouraged within the classroom (which requires mask removal)
- Information on the nearest "refill" stations for cleaning supplies/hand sanitizer if applicable
- If the class is being recorded, students must be notified of the recording
- Stay home if you feel sick and/or if exhibiting COVID-19 symptoms
- If the student is sick or displaying symptoms, please contact the Curry Health Center at (406) 243-4330
- Up-to-Date COVID-19 Information from the University of Montana
- UM Coronavirus Website: <https://www.umt.edu/coronavirus>
- UM COVID-19 Fall 2020 website: <https://www.umt.edu/coronavirus/fall2020.php>
- Strongly encourage students to remain vigilant outside the classroom in mitigating the spread of COVID-19

Learning Outcomes

1. How to succeed in the UMT CS Program
2. Required courses, what they entail
3. Math
4. Career resources available to students
5. Computer Science careers
6. Salaries - jobs available
7. What is the CS degree all about?
8. What is computer science?
9. How to get involved with department
10. CS club
11. Learn how to use computer science regardless of your passion
12. What is the difference between IT and CS?
13. Communications skills
14. Local and global impact of computing on individuals, organizations, and society
15. Lifelong learning

Class Recording – Classes will be recorded with Zoom.

Grading

Attendance: (100%)

Attendance is mandatory however I realize there are times when you must be absent. Please give me advance notice of any absences, and I will provide you with the same courtesy.

100% of your grade is based on attendance. 12 classes – 12 points. Attend all classes – 12 out of 12 – 100%! If you do not give the speaker your full attention – you will not get credit for class. NO CELL PHONES – NO COMPUTERS during class!!!! If you can't be on time – don't come to class!!!!!!

Grading Scale

- 100-90 A
- 89-80 B
- 79-70 C
- 69-60 D
- 59-and beyond F

CR/NCR – credit/no credit, 70 or greater must be earned for credit (determined by Computer Science Department policy), which is a C or better.

In order for this course to fulfill a Computer Science major requirement, you must earn a traditional grade of a C- or better.

Academic Dishonesty

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University. All students need to be familiar with the Student Conduct Code. The Code is available for review online at <http://www.umt.edu/student-affairs/community-standards/default.php>

Additional class policies and information:

- For important dates and deadlines related to classes, visit: <http://catalog.umt.edu/academics/policies-procedures>
- Also in the University catalog, review the policy on **incompletes**. In particular, note that incompletes can only be assigned when the student has “been in attendance and doing passing work up to three weeks before the end of the semester.” Incompletes will not be issued simply to prevent a failing grade.
- Students with disabilities will receive reasonable modifications in this course. Your responsibilities are to request them from me with sufficient advance notice, and to be prepared to provide verification of disability and its impact from Disability Services for Students. Please speak with me after class or during my office hours to discuss the details. For more information, visit the Disability Services for Students website at <http://www.umt.edu/disability>.