

Software Science CSCI 323 Syllabus Fall 2017

CSCI 323 Section 01

Instructor: Trish Duce

Class Time: T, Th 9:30-10:50am

Class Location SS362

Office: SS 412

Office Hours: T, Th 11am-noon or by apt

Phone: (406) 370-9432

E-mail: ducepa@mso.umt.edu

Overview:

This class will expose students to the rudiments of software engineering from a real-world perspective. At the conclusion of this class, the intent is that students have gained or honed the following skills:

- Articulation of technical ideas.
- Requirements elicitation and implementation.
- Familiarization with software design scheduling.
- Familiarization with software development processes.
- Group programming.
- Software personnel management.
- Software testing and debugging.
- Architectural design.
- Version control.
- Function effectively on teams to accomplish a common goal
- Communicate effectively with a range of audiences
- Recognize the need for and ability to engage in continuing professional development

The difficulty of most CS classes seems to be the math and programming aspects. It is anticipated that the challenges in this class will be primarily social and intellectual in nature: how to solve dirty, real world problems within a realistic, group context.

Attendance:

Attendance is mandatory. If you miss 3 classes your grade automatically drops 1 letter. If you miss 4 classes your grade automatically drops 2 letters. Miss 5 classes – drops 3 letters, miss 6 – classes – drops 4 letters. Miss 7 classes – automatic F! I will take attendance every day!

If you are late – don't come to class. I will shut the door when class begins.

Grading:

Quizzes: 15%

Assignments: 15%

Sprint Reviews: 15%

Project: 55%

Grading Scale:

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

P/NP – pass/no pass, 70 or greater is passing determined by Computer Science Department policy, which is a C or better.

Late Assignments:

Late assignments will not be accepted. Sorry for the inconvenience.

Group Participation:

Real world software development is hardly done alone. Therefore, a significant portion of your assessment for this class is for how well you can perform AS a group. Those who slack in their group participation are unlikely to receive a passing grade.

Cheating:

Any form of collusion or dishonesty will result in an "F," and may be prosecuted to the full extent allowable by University standards. Please see the University code of conduct for definitions of cheating.

Text Book:

There is no required text book for this course. I will provide any required reading electronically.

Incompletes:

"Incomplete for the course is not an option to be exercised at the discretion of students. In all cases it is given at the discretion of the instructor...." Some guidelines for receiving an incomplete are listed in the catalog which include having a **passing grade up to three weeks before the end of the semester** and being in attendance. **"Negligence and indifference are not acceptable reasons."** Also note that there may be financial aid implications.

Late Drops:

The University's policy on drops after **45** days of instruction is very specific. The Computer Science Department follows this policy rigorously. There are five circumstances under which a late drop might be approved: registration errors, accident or illness, family emergency, change in work schedule, no assessment of performance in class after this deadline. Except in very unusual circumstances, I will only approve late drops if there is documented justification for one of these circumstances.

Disabilities:

This course is accessible to and usable by otherwise qualified students with disabilities. To request reasonable program modifications, please consult with the instructor. Disability Services for Students will assist the instructor and student in the modification process. For more information, visit the Disability Services website at <http://www.umt.edu/dss/>.

Class Etiquette:

- Be respectful of your fellow classmates.
- Call me anytime if you have a question.
- Profanity and Obscenity will not be tolerated in class or assignments.

Special Dates:

- Thursday, August 31 - Classes Begin
- Monday, September 4 - Labor Day – No Classes, Offices Closed
- Friday, November 10 – Veterans Day – No Classes, Offices Closed
- Wednesday, November 22 – Student Travel Day – No Classes
- Thursday – Friday, November 23-24 – Thanksgiving Break – No Classes, Offices Closed
- Tuesday, December 12th - Last Day of Regular Classes
- Wednesday, December 13th – Study/Reading Day
- **Thursday-Wednesday, December 14-20 – Final Exams**
Final 10am-noon Thursday, December 14