Spring 2-1-2017

CSCI 205.Y1: Programming Languages w/C/C++

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CSCI 205: Programming Languages Spring 2017

Instructor: Trish Duce
Social Science 406
Office Hours: M, W 9am – 9:50am or by appointment
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Class times:
Section 1: M,W,F 12pm – 12:50pm, SS 362
Section 2: M,W,F 2pm – 2:50pm, SS 362

Overview:
The objective of this class is to provide students the opportunity of becoming proficient in the following programming languages: C, C++, Ruby.

Class format:
This is a four credit course, meaning that the university expects me to provide you with 16 hours per week worth of material for this class.

We will be using an online custom textbook that covers C and C++ (there is a bit of overlap). This text is an online resource called Zybooks.

Every class you will be expected to have a certain set of "participation and challenge activities" completed before class starts (from Zybooks). It is automatically graded and I will transfer that grade to my gradebook in Moodle.

During class you will have a chance to get help on any material previously assigned in Zybooks. I will also assign a set of problems to be completed in class. They may be a Zylab (that comes with your Zybook) or it may be something I have created.

Finally there will be several (approximately 3-5) larger coding assignments that go with each language we cover (so a total of 9-15).

Ruby will be covered by the Ruby module of CodeAcademy, a free resource that provides proof of completion, which you will submit for a grade.

Self-instruction:
You are allowed and encouraged to work together on the self-instruction materials. You are not allowed to email/post/share your work, but you are encouraged to meet in small groups and work through the material together.

You are NOT permitted to share code or discuss the out-of-class projects with anyone except me. If you are suspected of cheating, you will automatically fail this course.

Grades:
Zybooks – C 20%
Zybooks - C++ 20%
CodeAcademy – Ruby 20%
In-class projects – (equally weighted) 20%
Individual out-of-class projects (equally weighted) 20%

Attendance and Make Up Work:
A substantial portion of in class time will be spent on coding activities. In the event of substantial and documented extenuating circumstances, I will consider allowing a makeup. However, there are no guarantees.

Text Book:
There is no print text book for this course. The self-instruction content is linked on Moodle.

Cheating:
Cheating, as defined in the student code of conduct, will result in an automatic failure of the course, and may include all additional measures enumerated in the student code of conduct.

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 on time. (Or don't come at all!)
- 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:

- Monday, January 23 - Classes Begin
- Monday, February 20 Presidents Day – No Classes, Offices Closed
- Monday – Friday, March 20-24 - Spring Break
- Friday, May 5th - Last Day of Regular Classes
- **Monday-Friday, May 8-12 – Final Exams (Section1 FINAL IS MAY 10th, 10:10am – 12:10pm, Section2 FINAL IS MAY 10th, 3:20pm – 5:20pm)**