CMPS 1044 - COMPUTER SCIENCE I (with C++)
SPRING 2016 ~~ MWF 10:00 - 10:50 a.m. - Bolin 320

INSTRUCTOR: Dr. Ranette Halverson, Bolin 126A, 940-397-4189, ranette.halverson@mwsu.edu
Office hours will be posted. Drop-in visits welcome. Appointments available.

WEBSITE: All assignments and other documents will be posted on the course website. cs.mwsu.edu/~ranette

TEXT: Starting out with C++, Early objects, 8th edition, by Gaddis, Walters, & Muganda
(You CAN use 6th or 7th edition but page numbers for assignments will be different.)

SOFTWARE: Microsoft Visual Studio - Available in all MSU labs.
You will receive an email with information on downloading the software. It will be sent to the email in the MSU WebWorld system. If you do not have an email on file in WebWorld, add one TODAY!

COURSE MATERIAL: Text Chapters 1-8 (some sections will be omitted), Plagiarism, Current Events

GRADING: Major Exams (3) 45%
Final Exam 20%
Programs 20%
Daily (hw, quizzes, lab) 15%

Grades will be posted on D2L for students to view. Exam & Program Grades will be posted after each is complete. Daily grade will be updated on D2L at least once a month. D2L will be set up to display the "average so far."

EXAM DATES: The tentative dates for exams are weeks of Feb. 15, March 14, April 25. A Blue Book is required for each exam. ** Final Exam ** Tuesday, May 11 ~ 10:30 a.m. - 12:30 p.m. - Bolin 320 (Blue Book & Scantron + Pencil)

GENERAL COMMENTS: This is a first course in computer science for all CS majors, minors, and students who will take additional courses in computing. It presumes concurrent enrollment or completion of College Algebra or Pre-Calculus. In addition, typing skills are extremely helpful. ~ The purpose of this course is to introduce the computer as a tool in solving problems. Programming is the vehicle by which the solutions to problems are manifested. However, the teaching of programming is secondary to the skills and the methodologies which are to be treated in this course.

ATTENDANCE: Attending class is one of the primary keys to doing well in this class. Students with excessive absences will be reported to the dean of students and may receive a grade of F in the class. There is no distinction made between excused and unexcused. Make-up exams will be given only if the student has a reasonable excuse and if the instructor is contacted within 24 hours of the exam and arrangements are made for the make-up prior to the next class meeting. Students are expected to be in the classroom when class begins and to stay the entire period. If you must leave during class, you will not be allowed to return to class that day. Habitually arriving for class late or leaving class & returning disrupts the class and will not be allowed.

LAB ATTENDANCE: A two-hour weekly lab will be held in Bolin 103. Each student is required to attend one of the scheduled sessions each week. The lab will consist of hands-on exercises to reinforce the material being covered in the lecture portion of the class. Attendance and completion of the assignment is required and will be part of the course grade. The lab assignments should be turned in to the lab assistant but is due by the first class meeting of the following week. Students need attend ONLY ONE of the scheduled sessions each week, though you are allowed to attend more than once. Labs begin week 2 of classes, January 25. A complete schedule and handouts are posted on the course website. A student with 5 absences in Lab will be dropped from the course with a grade of F.
PROGRAMMING ASSIGNMENTS: A number of programming assignments will be made to code and execute on your own. Microsoft Visual Studio is recommended and can be downloaded free of charge. All programs turned in late will be penalized 5 points per 24 hours late. Programs containing syntax errors are unacceptable and will be returned without grading.

MISSING PROGRAMS: If a student fails to turn in an executing program for any project, a zero will be assigned and it will be counted as TWO grades. If a student fails to turn in a second project, he/she will receive an F in the course.

HOMEWORK & QUizzes: Periodically homework assignments will be taken up and graded. It is the student’s responsibility to keep up with assignments and to ask questions over the assigned work, even if absent. All homework assignments are due at the beginning of class. NO late homework assignments are accepted. Quizzes over the homework will be given on a regular basis. These may be announced or not. Make-up quizzes will not be given. Unless otherwise stated, all homework must be turned in as a hard (paper) copy. An email attachment of an assignment will only be accepted with prior permission and only in unusual circumstances.

CHEATING: Each student is expected to design, code, enter, test, and validate his/her own work. To submit another’s work (even partial) as your own is called plagiarism and is subject to severe action as stated in the MSU Student Handbook. Two students working together to complete an assignment is also considered cheating. Students are expected to see the instructor or the lab assistants for help on assignments. ~ Cheating in any form will not be tolerated. This includes, but is not limited to, cheating on exams, turning in another’s work as your own, & plagiarism on written work. Punishment may include an F in the course or expulsion from the university. (Refer to Student Handbook and Activities Calendar, Code of Student Conduct, Standards of Conduct, No. 11.) A discussion of plagiarism will be given early in the semester; slides are posted on the course website.

ASSISTANCE: Free Tutoring is provided by the CMPS Department. (Schedule will be posted.) Students are highly encouraged to utilize the tutoring or see the instructor for assistance on programs. The Tutors are advanced CS students. They are there to ASSIST you; they will not do your work for you. Your instructor will hold regular office hours. Students are encouraged to take advantage of these times, also.

GENERAL EDUCATION STATEMENT: Students in this course must demonstrate their competency in writing through a written paper assignment and program documentation, and their competency in fundamental math skills through the exercises in numbering systems and mathematical-based programming assignments.

OPEN LABS: Students may complete program assignments on their personal computers or in one of the campus labs. Currently, C++ is available in all campus labs. Students are encouraged to use Bolin 103 (when available) or Bolin 119 which is open from 8 a.m. to 5 p.m. M-F (CS tutor available).

ELECTRONIC DEVICE POLICY: ALL electronic devices must be turned off when entering class and must be stored in a bag or pocket, etc. and may not be on the desk or out during class. This includes cell phones, laptop computers, tablets, smart watches, and any other device that might be a distraction to your, your classmates, or the instructor. If you wish to use your laptop for taking notes during class, please discuss this with Dr. Halverson. Failure to adhere to this policy may result in your being removed from the class.

FIRST ASSIGNMENT: Meet with me for 5 minutes this week! Will be a non-replaceable grade. See sign-up sheet going around the room.

EXTRA CREDIT: Occasional extra credit opportunities will be announced. These usually take the form of a homework or quiz grade replacement or points added to an exam.