CMPS 1043 - COMPUTER SCIENCE I (with C++)
Fall 2011

SECTION 101: MWF 9:00 a.m. - Bolin 320 ** STUDENTS MUST WRITE SECTION NUMBER
SECTION 102: TR 9:30 a.m. - Bolin 209 ** ON ALL WORK SUBMITTED

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, 7th edition, by Gaddis, Walters, & Muganda

SOFTWARE: Microsoft Visual C++ 2010: Checkout CD at MSU Library OR
Download MS Visual Studio 2010 Professional Edition @ http://www.dreamspark.com
Tutorial “Getting Started with Visual Studio” is also available there.

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

GRADING:

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<tr>
<th>Component</th>
<th>Percentage</th>
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<tbody>
<tr>
<td>Major Exams (3)</td>
<td>45%</td>
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<tr>
<td>Programs</td>
<td>25%</td>
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<tr>
<td>Final Exam</td>
<td>15%</td>
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<td>Daily (hw, quizzes, lab)</td>
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EXAM DATES: The tentative dates for exams are weeks 5, 9, and 14. ** A Blue Book is required for each exam.

** Final Exams: **
SECTION 101: Monday, December 5 - 8:00 - 10:00 a.m. - Bolin 320
SECTION 102: Tuesday, December 6 - 8:00 - 10:00 a.m. - Bolin 209

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 important.

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. It is hoped that students will develop an appreciation for CS as a discipline with content aside from programming.

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. Habitually arriving for class late or leaving class & returning disrupts the class and will not be allowed.

LAB ATTENDANCE: A one-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 work is due the first class meeting of the following week. Students need to attend ONLY ONE of the scheduled sessions each week, though you are allowed to attend more than once. Labs begin week 2 of classes, August 29. A complete schedule and handouts are posted on the course website.

Lab Schedule: Monday 1-2; Tuesday 2-3; Wednesday 4-5; Thursday 3-4; Friday 12 - 1; All in Bolin 103
PROGRAMMING ASSIGNMENTS: A number of programming assignments will be made to code and execute ON YOUR OWN. Microsoft Visual C++ 2010 is recommended. 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.

MISSED 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 instructor’s designated assistant 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, and 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. The slides are posted on the course website.

ASSISTANCE: Free Tutoring is available in Bolin 119 M-F, 8:00 to 5:00. Students are highly encouraged to attend. The Tutors are advanced CS students. They are there to ASSIST you; they will not do your work for you. Dr. Halverson 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 119 which is open from 8 a.m. to 5 p.m. M-F when possible because this is where the CS tutor will be. The lab in Clark Student Center is open 24-7. The lab in Moffett Library is open during Library hours.

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, iPods, and any other device that might be a distraction to you, 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.