CS2110: Programming in C

Term: Spring, 2010 **Lecture Time**: MoWeFr 10 am-10:50 am **Location**: EBW 245

Instructor: Dr. Jianlin Cheng **Office:** EBW109 **Phone:** 882-7306
Email: *chengji@missouri.edu* **Office Hours**: MoWe 9 am – 10 am

Lab Session (optional): MoWeTh 2 pm – 4 pm **Location**: EBW 120
Lab Instructor: Xie Sun (xs8pb@mail.mizzou.edu)

Teaching Assistant: Xin Deng **TA Office:** EBW 249
Email: *mu.cs2110@gmail.com* **Office Hours:** Mo 11 am – 12:30 pm; Th 9 am – 10 am

Course Website: www.cs.missouri.edu/~chengji/cs2110.html. Course schedules, assignments, and project will be posted at this site.

Required Text:

Kerninghan and Richie. *The C Programming Language*. Prentice Hall, 1988.

Course Description:

This course introduces C programming language and professional programming skills. Topics include program structure, data types, repetition, conditional statements, input and output, functions, top-down programming, arrays, pointers, recursion, data structures and abstract data types, and program management. The course has an optional lab session for students to practice programming skills under the supervision of the lab instructor.

Homework Assignments:

Assignments of varying points will be assigned. Homework assignments are distributed during classes and due a week later. It is preferred that assignments are submitted in electronic format (e.g., Word or PDF files) to the TA's email address (mu.cs2110@gmail.com). Assignments in other format such as hard copies and disks are also acceptable. The 20 * *n* % of points will be automatically taken off for homework assignments late for *n* days.

Project:

There is a group project spanning the entire semester. Each group has 4 or 5 students.

Exams:

Midterm exam and final exam

Grading:

Homework: 30%, Group Project: 20%, Midterm: 20%, Final: 20%; Class Participation: 10%. The score of the group project is 0.7 * instructor's evaluation + 0.3 * peer's evaluation. The peer evaluation form can be downloaded here: http://www.cs.missouri.edu/~chengji/teamwork.doc. The team members of each group will conduct peer evaluation twice during the course.

Grading Scale:

A+	100%	B	80%	C-	60%	F	< 45%
A	95%	B-	75%	D+	55%		
A-	90%	C+	70%	D	50%		
B+	85%	C	65%	D-	45%		

Academic Dishonesty

Academic integrity is fundamental to the activities and principles of a university. All members of the academic community must be confident that each person's work has been responsibly and honorably acquired, developed, and presented. Any effort to gain an advantage not given to all students is dishonest whether or not the effort is successful. The academic community regards breaches of the academic integrity rules as extremely serious matters. Sanctions for such a breach may include academic sanctions from the instructor, including failing the course for any violation, to disciplinary sanctions ranging from probation to expulsion. When in doubt about plagiarism, paraphrasing, quoting, collaboration, or any other form of cheating, consult the course instructor.

ADA

If you need accommodations because of a disability, if you have emergency medical information to share with me, or if you need special arrangements in case the building must be evacuated, please inform me immediately. Please see me privately after class, or at my office. Office location: _____ Office hours: _____

To request academic accommodations (for example, a note taker), students must also register with the Office of Disability Services, (http://disabilityservices.missouri.edu), S5 Memorial Union, 882-4696. It is the campus office responsible for reviewing documentation provided by students requesting academic accommodations, and for accommodations planning in cooperation with students and instructors, as needed and consistent with course requirements. For other MU resources for students with disabilities, click on "Disability Resources" on the MU homepage