

GRANDE PRAIRIE REGIONAL COLLEGE

DEPARTMENT OF SCIENCE

Computer Programming for Engineers
CS 1000 3.8 (3-0-1.5) UT, Fall Semester 2006

Instructor: Dr. George Ding
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Office Hours: 10:00 to 11:30AM Tuesday and Thursday or by appointment

This course is intended as the first programming course for engineers. Students are expected to become familiar with basic computer concepts and terminologies as well as to develop proficiency in C++ programming to solve engineering problems. By the end of the semester, students should have acquired a real appreciation into the difficulties involved in defining instructions in a manner precise enough for the computer to execute. Each student is expected to design and develop several well-structured C++ programs as solutions to given assignments. It is also expected that each student becomes familiar with certain features of PCs and Windows XP, and proficient in using Microsoft Visual Studio .NET 2005 C++ compiler.

Text Books: *C++ for Engineers and Scientist Second edition* by Gary J. Bronson, Thomson Learning. ISBN 0-534-99390-X.

Labs: Scheduled labs will begin in the week of September 10, 2006.

Late Assignment: An assignment turned in later than the due date will be penalized 10% of the total possible points for each day late (excluding weekends and college holidays). No late assignment will be accepted after the assignment is graded and returned.

Marking:

Labs and Assignments:	25%
Quizzes:	14%
Midterm Exam:	25%
Final Exam:	36%