Practical Programming Methodology
CS 2010 - Fall 2010
3 (3-0-3) UT
Course Outline

Instructor : Franco Carlacci
Office : C422
Phone : 539 2091
Prerequisite : CS1150 and CS2720
Email : *franco@gprc.ab.ca*

Transfer Agreement

The transfer agreements set out for this course can be found by visiting the Alberta Council on Admission and Transfer web site

Calendar Description

The calendar description for this course can be found at the GPRC website.

Course Description

This course introduces students to the principles, methods, tools, and practices of a professional programmer working in a rich programming environment. The lectures focus on the fundamental principles of programming methodology based on abstract data types/objects and their implementations. The laboratories offer an intensive apprenticeship opportunity for the aspiring software developer. Students use the C++ and Cprogramming languages and software development tools supported by the Windows/Unix operating systems

Evaluation

Take home assignments and Lab assignments (min of 10)	: 45%
Midterm	: 25%
Final	: 30%

Assignments that are less than one week late will be penalized 20%; assignments submitted after that period will receive a grade of 0. Please note that you must submit ALL assignments (even late ones!) if you want the assignment portion to count towards your final grade.

Grading criteria

I will use the grading system tables found on page 43 of the 2009-2010 GPRC

Calendar. Please note that a Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions.

STATEMENT ON PLAGIARISM AND CHEATING:

Please refer to pages 49-50 of the College calendar regarding plagiarism, cheating and the resultant penalties. These are serious issues and will be dealt with severely.

Attendance

I will be taking attendance in this class. If you miss more than 5 classes, you may be barred from writing any final exam.

Text

There is NO text for this course. I will be using my own lecture notes and the Web is full of tutorials and ebooks on C++/C