GPRC

DEPARTMENT OF SCIENCE
COURSE OUTLINE - CS2010
INTRODUCTION TO PROGRAMMING METHODOLOGY -FALL 2012

INSTRUCTOR: franco carlacci   PHONE:780 539 2091
OFFICE: c422   E-MAIL:franco@carlacci.com
OFFICE HOURS:TBA

PREREQUISITE(S)/COREQUISITE:

Prerequisite : cs1150

REQUIRED TEXT/RESOURCE MATERIALS:

There is no required text or resource material. I will provide powerpoint slides on the website http://www.carlacci.com

CALENDAR DESCRIPTION:

This course introduces you 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 and their implementations. The laboratories offer an intensive apprenticeship opportunity for the aspiring software developer. You will use the programming languages C and C++ and software development tools supported by the Microsoft Windows and UNIX programming environment.

CREDIT/CONTACT HOURS: 3 credits (3-0-3) / 90 contact hours
DELIVERY MODE(S): classroom

OBJECTIVES (OPTIONAL):

TRANSFERABILITY:

University of Alberta ,University of Calgary ,University of Lethbridge , Athabasca University , Augustana Faculty, University of Alberta , Concordia University College , GMU, King's University College

** Grade of D or D+ may not be acceptable for transfer to other post-secondary institutions. Students are cautioned that it is their responsibility to contact the receiving institutions to ensure transferability

GRADING CRITERIA:

GRANDE PRAIRIE REGIONAL COLLEGE		
GRADING CONVERSION CHART		
Alpha Grade	4-point Equivalent	Percentage Guidelines
A$^+$	4.0	90 – 100
A	4.0	85 – 89
A$^-$	3.7	80 – 84
B$^+$	3.3	77 – 79
B	3.0	73 – 76
B$^-$	2.7	70 – 72
C$^+$	2.3	67 – 69
C	2.0	63 – 66
C$^-$	1.7	60 – 62

D$^+$	**1.3**	**55 – 59**
D	**1.0**	**50 – 54**
F	**0.0**	**0 – 49**
WF	**0.0**	**0**

EVALUATIONS:

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.

STUDENT RESPONSIBILITIES:

1. Student are responsible for adhering to all requirements laid out in the assignments.
2. Students must attend all lectures/labs. A student missing more than 20% of classes/labs may be barred from writing the final exam.
3. Students must submit ALL assignments (even late ones) if they want the assignment portion to count towards your final grade.

STATEMENT ON PLAGIARISM AND CHEATING:

Refer to the Student Conduct section of the College Admission Guide at http://www.gprc.ab.ca/programs/calendar/ or the College Policy on Student

Misconduct: Plagiarism and Cheating at
[www.gprc.ab.ca/about/administration/policies/**](www.gprc.ab.ca/about/administration/policies/)

**Note: all Academic and Administrative policies are available on the same page.

COURSE SCHEDULE/TENTATIVE TIMELINE: TBA