



DEPARTMENT OF SCIENCE
COURSE OUTLINE – CS3130
TELECOMMUNICATIONS AND COMPUTERS

INSTRUCTOR:	Franco Carlacci	PHONE:	780 539 2091
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PREREQUISITE(S)/CO-REQUISITE: None

REQUIRED TEXT/RESOURCE MATERIALS

Windows System Programming – Fourth Edition by Johnson M. Hart

DESCRIPTION

This course will focus on learning about interprocess communication (IPC) mechanisms and how they can be used to write network applications. We will focus primarily on those available in the Windows family of operating systems. The C language will be the primary coding language. In the process of learning about these IPC mechanism, we will take a more in-depth look at some of the popular protocols in use in LANs and WANs.

CREDIT/CONTACT HOURS : 3 credits (3-0-3) / 90 contact hours

DELIVERY MODE(S) : Classroom

TRANSFERABILITY

The transfer agreements set out for this course can be found by visiting the [Alberta Council on admission and Transfer](#) web site

GRADING CRITERIA:

GRANDE PRAIRIE REGIONAL COLLEGE			
GRADING CONVERSION CHART			
Alpha Grade	4-point Equivalent	Percentage Guidelines	Designation
A ⁺	4.0	90 – 100	EXCELLENT
A	4.0	85 – 89	
A ⁻	3.7	80 – 84	FIRST CLASS STANDING
B ⁺	3.3	77 – 79	
B	3.0	73 – 76	GOOD
B ⁻	2.7	70 – 72	
C ⁺	2.3	67 – 69	SATISFACTORY
C	2.0	63 – 66	
C ⁻	1.7	60 – 62	
D ⁺	1.3	55 – 59	MINIMAL PASS
D	1.0	50 – 54	
F	0.0	0 – 49	FAIL
WF	0.0	0	FAIL, withdrawal after the deadline

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

EXAMINATIONS

Assignments	40%
Major Programming Project	20%
Midterm Exam	20%
Final Exam	30%

There is a 30% penalty for late (less than 2 days) assignment. Assignments which are more than 2 days late will not be accepted.

SOME IMPORTANT POINTS TO REMEMBER WHEN COMPLETING ASSIGNMENTS

- I. Your name and assignment number must appear on all assignments that you turn in.
- II. All written assignments must be submitted in PDF format.
- III. All assignments must be submitted electronically through the course web page. The name of the submitted file must conform exactly to the format that I provide. Any deviations WILL NOT be accepted.

If any of these conditions are not met, your assignment WILL NOT be marked.

STUDENT RESPONSIBILITIES

Students must make an effort to attend ALL classes. If you have more than 5 un-excused absences you may be barred from writing the final exam

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/**

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

COURSE SCHEDULE/TENTATIVE TIMELINE: