DEPARTMENT OF SCIENCE

COURSE OUTLINE – CS2050

NETWORK SYSTEMS, MANAGEMENT AND SECURITY

(1 HOUR LECTURE , 2 HOUR LAB)

INSTRUCTOR:	Franco Carlacci	**PHONE:**	780 539 2091
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OFFICE HRS:	TBA	**WEBSITE:**	www.carlacci.com

PREREQUISITE(S)/CO-REQUISITE: None

REQUIRED TEXT/RESOURCE MATERIALS

Fedora Bible 2010 Edition – featuring Fedora Linux 12 by C. Negus and E. Foster-Johnson

DESCRIPTION

This course will be of interest to students who want to learn how to implement, manage and troubleshoot network and server environments. Students will learn how to create and maintain network resources and develop network security policies and procedures. Topics will include network architectures and protocols (including wireless), network operating systems, Internet services, networking components (including network adapters, repeaters, hubs, switches, bridges, routers, gateways, firewalls and proxy servers), network virus protection, network backup and restoration, Windows and Linux management security.

CREDIT/CONTACT HOURS : 45 hours

DELIVERY MODE(S) : Classroom/ Lab

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 (lab and takehome)	30%
Term exam	20%
Final Lab 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.

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:

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.