



DEPARTMENT OF SCIENCE  
COURSE OUTLINE – CS2000  
DATA COMMUNICATION AND NETWORKING

|                    |                 |                 |  |
|--------------------|-----------------|-----------------|--|
| <b>INSTRUCTOR:</b> | Franco Carlacci | <b>PHONE:</b>   | 780 539 2091   |
| <b>OFFICE:</b>     | C422            | <b>E-MAIL:</b>  | <a href="mailto:franco@gprc.ab.ca">franco@gprc.ab.ca</a> |
| <b>OFFICE HRS:</b> | TBA             | <b>WEBSITE:</b> | <a href="http://www.carlacci.com">www.carlacci.com</a>   |

**PREREQUISITE(S)/CO-REQUISITE: None**

**REQUIRED TEXT/RESOURCE MATERIALS**

Computer Networking : A Top-Down Approach . 5th edition  
by James Kurose & Keith Ross

**DESCRIPTION**

This course provides an introduction to computer communication and computer networks. Topics will include communication hardware and software, protocols, local area networks and network management.

**CREDIT/CONTACT HOURS :** 3 credits ( 3-0-0) / 45 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 <sup>+</sup>                  | 4.0                | 90 - 100              | EXCELLENT                           |
| A                               | 4.0                | 85 - 89               |                                     |
| A <sup>-</sup>                  | 3.7                | 80 - 84               | FIRST CLASS STANDING                |
| B <sup>+</sup>                  | 3.3                | 77 - 79               |                                     |
| B                               | 3.0                | 73 - 76               | GOOD                                |
| B <sup>-</sup>                  | 2.7                | 70 - 72               |                                     |
| C <sup>+</sup>                  | 2.3                | 67 - 69               | SATISFACTORY                        |
| C                               | 2.0                | 63 - 66               |                                     |
| C <sup>-</sup>                  | 1.7                | 60 - 62               |                                     |
| D <sup>+</sup>                  | 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      | 30% |
| First Term exam  | 20% |
| Second Term 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:**

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/\\*\\*](http://www.gprc.ab.ca/about/administration/policies/**)

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

## **COURSE SCHEDULE/TENTATIVE TIMELINE:**