

**GRANDE PRAIRIE REGIONAL COLLEGE
DEPARTMENT OF SCIENCE**

**Technology Tools for Teaching and Learning
CS2020 3 (1.5-0-3)
Winter 2007**

ROOM: Lecture: **CS2020 A3 J226 Mon 10:00 – 11:20**
 CS2020 B3 D208 Thur 10:00 – 11:20
 Lab: CS2020 L1 A305 Tue 14:30 – 17:20
 CS2020 L2 A305 Wed 14:30 – 17:20
 CS2020 L3 A305 Thur 14:30 – 17:20
 CS2020 L4 A305 Fri 14:30 – 17:20

INSTRUCTOR: Dr. Reddy Ganta, J220, ph. 539-2850, Rganta@GPRC.AB.CA
 Dr. George Ding, C421, ph. 539-2031, Gding@GPRC.AB.CA

TEXT: i) Teachers Discovering Computers, Integrating Technology
 And Digital Media in the Classroom Fourth Edition

 ii) Microsoft Office 2003 Second Edition

PREREQUISITE: None

TRANSFER: UA, UC*, UL, AU, AUC.
 * Consult Alberta Transfer Guide

MARKING:

| | | |
|-----------------|------|-------------------------------|
| Lab Assignments | 22% | |
| Mid Term | 30 % | |
| Final Exam | 48% | As per the Registrar's office |

EXAMS: Exams will be closed book.

MISSED EXAMS: Students who miss the mid-term exam for a valid reason, such as illness, will have the weight transferred to the final exam.

GRADES: Your final Alpha Grade will be determined using the following approximate Percentage Conversion:

| Alpha Grade | Approximate Percentage Conversion |
|-------------|-----------------------------------|
| A+ | 95 – 100 |
| A | 90 – 94 |
| A- | 85 – 89 |
| B+ | 80 – 84 |
| B | 75 – 79 |
| B- | 70 – 74 |
| C+ | 66 – 69 |
| C | 62 – 65 |
| C- | 58 – 61 |
| D+ | 54 – 57 |
| D | 50 – 53 |
| F | 0 – 49 |

CALENDAR DESCRIPTION:

The calendar description for this course can be found at the GPRC (www.gprc.ab.ca) website.

SYNOPSIS:

This course provides an overview of computing science concepts for students in the undergraduate Education program. We will explore a variety of computing topics and currently popular application tools.

The type of tools includes: Internet tools, digital media processing, multimedia/hypermedia presentation, spreadsheets, word processing, and databases.

The lab portion of the course will provide students with hands on experience on several popular microcomputer software packages. Each student is expected to complete a variety of assignments.