

SEP 1995

GRANDE PRAIRIE REGIONAL COLLEGE  
Department of Science & Technology  
Course outline

CT 2210 - INTRODUCTION TO PC HARDWARE  
AND SYSTEMS CONFIGURATION 3(1-0-2) UT(3)

**INSTRUCTOR:** David Gregg

**OFFICE:** C303

**PHONE:** 539-2976

**TEXT:** Upgrading and Repairing PCs, 4th Edition, by Scott Mueller  
DOS 6 Memory Management, by Jeff Proisie

**PREREQUISITE:** None

**COURSE:**  
**DESCRIPTION:** This course will teach students about the fundamentals of PC Hardware. Students will have the opportunity to open up machines, install devices (floppy drives, hard drives, I/O cards, video cards) as well as memory. Students will also get the opportunity to format drives, install operating systems, a variety of different software packages, attach communications equipment and supporting software. The course will also deal with memory management issues (autoexec and config files), Ram drives, IRQ settings, environment variables and installing device drivers. Other topics will include issues related to optimizing and fine tuning Windows and Window based applications. Time permitting, the course will attempt to introduce concepts in contemporary operating systems such as Windows NT, OS/2 Warp, and Unix variants such as BSD, Coherent, and Linux.

**EVALUATION:**

Assignments and Quizzes:	35%
Mid-term Exam:	25%
Final Exam:	40%

Any quizzes will be held in class. Quizzes and assignments are worth the same.

**Exams**

The mid-term exam is held in class and is worth 25%. The final exam is scheduled by the Registrar and is worth 40%.

**FINAL GRADE:** Final percentages are converted to GPRC's nine point scale as follows:

90 - 100%	9	
80 - 89%	8	Excellent
72 - 79%	7	
65 - 71%	6	Good
57 - 64%	5	
50 - 56%	4	Pass
45 - 49%	3	
26 - 44%	2	
0 - 25%	1	

**ASSIGNMENT POLICY:** All assignments must be turned in--late or not--in order for you to receive a passing grade in this course. Late assignments will be accepted, but penalized by 25%. **Assignments will not be worth any marks unless a 50% average is maintained on all exams and quizzes.**