

Course Outline: CT 2210 3 (1-0-2) UT, Introduction to PC Hardware and Systems Configuration, Fall Semester 2003

Instructor: George Ding

Office location: C 421

Office Phone: (780) 539-2031

E-Mail: gding@gprc.ab.ca

Contents, Goals & Objective: This course is intended to prepare you to support personal computers. Hardware and Software configuration are covered so that you can configure and maintain LAN based PCs. Topics to be covered include system hardware (motherboards, peripheral ports, chipsets, processors, storage devices and memory), multimedia, an overview of operating system (Windows XP, Windows 98, Linux, Unix, and DOS) and quantum computing, a review/overview of networks and data communications, and troubleshooting. The labs with this course help you learn hand-on experiences about how to assemble and configure a PC, how to troubleshoot the PC, how to connect and configure it to LAN, how to share the printer, how to partition the hard drive, and install multiple Operating Systems in the same computer.

Text Books:

- Upgrading and Repairing PCs. 13th Edition, Scott Mueller, 2002.

Lab Assignments: The lab assignment is to be turned in at the due date, which is specified in the lab sheets. Anybody who doesn't attend a lab automatically obtains a zero grade for the corresponding lab assignment. No makeup lab assignment is allowed.

Marking:

	<u>Date</u>	<u>Weight</u>
Midterm I	10/14/2003	20%
Midterm II	11/18/2003	25%
Final	12/16/2003	35%
Lab Assignments (9-12)	Weekly	15%
Final Project	TBA	5%