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CT 2210 Introduction to PC Hardware and Systems Configuration

Prerequisites: CS 1140
Instructor: David Gregg
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Textbook: Upgrading and Repairing PCs, by Scott Mueller, (8th edition or later)

Course Description: 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 including motherboards, peripheral ports, chipsets, processors, storage devices and memory; multimedia; operating system software including DOS and Windows; a review/overview of networks and data communications (this topic is covered in depth in CT 2000); and troubleshooting.

A major component of the course is hands-on experience with a high performance PC. Students, working in pairs, will be responsible for the construction, configuration and maintenance of a PC system.

The text was chosen to provide comprehensive coverage of all material relevant to the A+ certification. (www.CompTIA.org)

Course Format: This course is 1 lecture hours and 2 lab hours per week.

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| Evaluation: | Assignments | 50% |
| | Quizzes | 10% |
| | Midterm Exam | 15% |
| | Final Exam | 25% |

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%.

To pass this course you must achieve an average of 50% on all exams and quizzes.