

MAYLAND COMMUNITY COLLEGE
Welcomes You Spring Semester 2007 To:

CET211/20 Computer Upgrade/Repair II
Contact hrs = 5 Credit hrs = 3

Course Description

This course is the second of two courses covering repairing, servicing, and upgrading computers and peripherals in preparation for industry certification. Topics include resolving resource conflicts and system bus specification, configuration and troubleshooting peripherals, operating systems configuration and optimization, and other related projects. Upon completion, students should be able to identify and resolve system conflicts and optimize system performance.

Prerequisites: CET111 Corequisites: None

Instructor Information

Instructor: Ed Young
Office Location: P216
Telephone Number: 765 7351 ext. 332
E-mail Address: reyoung@cc.mayland.edu
Office Hours: Monday and Wednesday : 8:30 to 10:00 am & 5:00 to 6:00 PM
Tuesday and Thursday: 9:00 to 11:00 am
Friday: 9:00 to 10:00 am

Course Information

Meeting Times: 6:00 PM to 8:20 PM on MW in room P219

Required Text(s): *Managing and Maintaining Your PC, 5th Edition Enhanced*, Andrews,
Course Technology

Required supplies: None

Course Objectives/Competencies:

1. Know basic CLI commands for troubleshooting
2. Be able to install Windows 9.X
3. Be able to install Windows 2000/XP
4. Be able to use maintenance utilities in Windows 9.X
5. Be able to use maintenance utilities in Windows 2000/XP
6. Be able to use device manager to troubleshoot hardware problems
7. Be able to run a SCSI configuration program
8. Be able to install a sound board
9. Be able to install RAM in a notebook PC
10. Be able to change a toner cartridge in a laser printer
11. Know the fundamentals of how a laser printer works
12. Be able to setup a network printer
13. Be able to setup TCP/IP settings
14. Be able to test LAN connections
15. Be able to install and configure a modem
16. Be able to do a basic configuration on a DSL/Cable modem

17. Troubleshoot basic IP/Internet problems

Attendance Policy/Tardiness/Make-Up Work:

You are expected to attend class. To do well in this class you will not only have to attend class but make sure you complete all your exercises. If you need to withdraw, be sure you do so officially by filling out a drop form. If you just stop coming to class without withdrawing, your final grade will be an F. If a student has not been in contact with the instructor and has not attended class for a consecutive two-week period, an administrative withdrawal will be submitted by the instructor. If you are administratively dropped, you will not be able to re-enter the class spring semester.

Grading Criteria/Tests/Projects:

Your grade average will be determined by exercises, three quizzes, and a final exam. If you miss a scheduled quiz, be ready to take a makeup upon your first return to class. Unless prior arrangements are made, makeup quizzes are short answer instead of multiple choice. Exercises will be given out periodically and graded. If these are not returned by the due date, you will not receive full credit. Exercises turned in more than 4 meetings after the due date than will receive no credit. A final average will be computed and the grading scale below will be used. If your final average falls between two grades such as 92.3, this is a borderline grade. Your attendance will determine whether your grade remains a B in this case or is rounded up to an A. If you miss 3 classes or less then the grade is rounded up. If you miss over 3 classes for any reason, the grade remains as it is. *All exercises must be completed and turned in by the last day of class for the course. No exercises will be accepted after this.*

Grading Scale:

A = 93-100	Quiz #1	20%
B = 85-92	Quiz #2	20%
C = 77-84	Quiz #3	20%
D = 70-76	Exercises	20%
F = below 70	Final exam	20%

Inclement Weather Procedures:

On snow delay days this class will start at 1:45 PM and end at 3:30 PM

Academic Standards/Student Expectations/Ethics:

You are expected to do your own work. Turning in some else's work as your own or cheating on a quiz can result in your being dropped from the class.

Withdrawal Dates:

Spring 2007	End of Unconditional Withdrawal	Tuesday , February 13
	End of Conditional Withdrawal	Tuesday , March 27

Special Accommodations:

Any student requesting special accommodations for this course due to a disability should apply for services through the SOAR Office or the Counseling Center, which will document the disability. A counselor will then help determine which accommodations, if any, the student needs for success in this course.

CET211 Upgrade/Repair Spring 2007 Schedule MW

Monday	Wednesday
Jan 8 Into to Class Show boot CD	Jan 10 Making a Windows boot CD
Jan 15 MLK Day	Jan 17 Chapter 12 Supporting Win 9.X, Me
Jan 22 Chapter 13 Understanding Win NT & 2000	Jan 24 Chapter 14 Managing & Troubleshooting Win 2000
Jan 29 Chapter 16 Managing & Supporting Win XP	Jan 31 Chapter 16 Managing & Supporting Win XP
Feb 5 Chapter 16 Managing & Supporting Win XP	Feb 7 Quiz 1
Feb 12 Chapter 17 Supporting Modems	Feb 13 Chapter 18 PCs on a Network
Feb 19 Chapter 18 PCs on a Network	Feb 21 Chapter 18 PCs on a Network
Feb 26 Chapter 18 PCs on a Network Chapter 19 PCs on the Internet	Feb 28 Chapter 19 PCs on the Internet
Mar 5 Spring Break	Mar 7 Spring Break
Mar 12 Chapter 19 PCs on the Internet	Mar 14 Quiz #2
Mar 19 Chapter 20 Notebooks, PDAs	Mar 21 Chapter 20 Notebooks, PDAs
Mar 26 Chapter 21 Supporting Printers	Mar 28 Chapter 21 Supporting Printers
Apr 2 Chapter 22 SCSI	Apr 4 Chapter 22 SCSI
April 9 Chapter 23 Building Your Own PC	April 10 Quiz #3
April 16 Chapter 24 Troubleshooting & Maintenance	April 18 Chapter 24 Troubleshooting & Maintenance
April 23 Appendix D FAT Details	April 25 Appendix F The Pro PC Tech
April 30 Appendix G Intro to Linux	May 2 Appendix G Intro to Linux
May 7	