



EGR 133: Computer Configuration and Repair

This hands-on course covers PC components and PC configuration. Students use system diagnostics to analyze and repair PC system faults. The course emphasizes troubleshooting and replacing individual system components such as memory, hard drives, floppy drives, video cards, and modems. This hardware approach provides real-world computer repair and maintenance experience. Three lecture hours and three laboratory hours per week. Instructional Support Fee applies. Gen. Ed. Competencies Met: Information Literacy.

Course Student Learning Outcomes

1. Identify & describe past and present PC architecture and components. 2. Demonstrate troubleshooting skills to solve common PC problems. 3. Use computer terminology fluently. 4. Read and utilize appropriate manufacturers data sheets. 5. Develop hands on skills to disassemble, replace, or install all functional PC components. 6. Utilize the Internet for PC related information research.

Credits: 4

Program: Engineering