



Course Syllabus Hardware Concepts: CIS 240

Faculty Name:	
Course Information:	HARDWARE CONCEPTS: CIS 240
Course Section, Term and Year:	
Course Meeting Times & Location:	

Contact:

Phone Number:	
Office Location:	
Email address:	
Enter days/time you are available to meet with students.	

Netiquette

Respect the diversity of opinions among the instructor and classmates and engage with them in a courteous, respectful, and professional manner. All posts and classroom communication must be conducted in accordance with the student code of conduct. Think before you push the Send button. Did you say just what you meant? How will the person on the other end interpret the words?

Communication:

Faculty Communication with Students:

Discuss how faculty will contact students.

Student Communication with Faculty:

Discuss how students will contact faculty when they have questions or concerns.

Course Description:

CIS 240 Hardware Concepts

2-2-3

The course provides a hands-on introduction to personal computer hardware setup. Students will install, configure, upgrade, diagnose and troubleshoot desktop personal computers. Students will disassemble and reassemble personal computers, perform preventive maintenance procedures, and maintain safety in a lab environment, and interact with others in a professional manner. Topics include hardware/software concepts, boot process, command prompts, memory, hard drive configuration, expansion cards, fundamentals of prompts, memory, hard drive configuration, expansion cards, fundamentals of installing/supporting operating systems, and using firmware and diagnostic. *Additional computer hours, as needed.*

Course Learning Outcomes:

Students will be able to:

1. Recognize/identify the following hardware components: power supplies, motherboard components, RAM cards, hard drives, I/O devices – ports and expansion slots, and network interface cards
2. Install operating system software such as GUI interfaces and command prompt interfaces
3. Be familiar with preventive maintenance and safety procedures
4. Perform basic procedures for adding and removing field replaceable units and will be able to recognize common problems and perform troubleshooting

Program Learning Outcomes: (Outcomes Relevant to Course are Shaded)

COMPUTER INFORMATION SYSTEMS A.A.S.

1. The graduate will be able to utilize desktop and internet-based applications to perform advanced end-user tasks
2. The graduate will be able to analyze algorithms, organize data structures, and employ object-oriented and modular programming techniques to successfully code event-driven programs
3. The graduate will be able to design and code dynamic websites using HTML, CSS, and client-side and server-side scripting languages
4. The graduate will be able to configure, troubleshoot and support computers and devices in a networked environment
5. The graduate will be able to maintain professional growth, manage projects, and self-teach within a team environment with appropriate interpersonal skills

Course Resources:

Textbook:	Enter title, edition, author, ISBN for required text.
Materials:	Enter all additional required materials and tools needed to complete course here.
Access:	List access codes needed for websites or other software. .

Course Policies:

Click here to describe how students will participate in your class. Include policies regarding missed exams, makeup exams, extra credit assignments, late assignments, missed assignments, etc.

Course Delivery:

Course Content:

Lecture Format:

Student Expectations specific to this course:

Course Outline and Schedule

Grading Method:

Click here to enter a clear explanation of how students will be evaluated, including a description of course assessments and a statement of the assessment process and measurements. Include weight/percentages for quizzes, exams, papers, projects, homework, attendance, participation, etc.

Grading Scale:

Letter	Grade Range
A	Enter range for A.
A-	Enter range for A-.
B+	Enter range for B+.
B	Enter range for B.
B-	Enter range for B-.
C+	Enter range for C+.
C	Enter range for C.
D	Enter range for D.
F	Enter range for F.

Earn an FMCC Micro-credential Badge:

Check this link to see if this course meets a requirement for an FM Micro-credential Badge:

<https://www.credly.com/organizations/fulton-montgomery-community-college/badges>