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CSCD 260. ARCHITECTURE AND ORGANIZATION. 4 Credits.

Pre-requisites: CSCD 240 with a grade \geq C+, EENG 160 with a grade \geq C.

This course covers fundamentals of digital computer design and microcomputer systems. Topics include number systems, Boolean algebra, basic digital circuits, and an instruction set for a microprocessor. Homework assignments will include use of current software for the design, analysis, and simulation of digital circuits, assembly language programming emphasizing I/O device access and features that support high level languages. Programming projects are required.

Cyber Operations Major, Bachelor of Science (BS)

<http://catalog.ewu.edu/stem/cs-ee/cyber-operations-bs/>

Exam Requirement : All Computer Science majors are required to pass the Advanced Programming Exam prior to taking courses for which it is a prerequisite. Passing the exam is required for graduation and no exam waivers will be granted for degree completion.



 2023-2024 EDITION