

# Computer Engineering

Minor

18 credit hours

CSCI261: Programming Concepts  
CSCI262: Data Structures  
CSCI341: Computer Organization  
CSCI442: Operating Systems  
EENG281 or 282\*: Electrical Circuits  
EENG284\*: Digital Logic  
EENG383: Microcomputer Architecture

This minor combines key software and hardware concepts, such as programming skills and digital circuit design, to create hardware-software systems that are used in embedded systems.

Advances in engineering revolve around automation, computerization, and digitization. A minor in computer engineering gives exposure to core hardware and software concepts such as programming, digital circuit design, and embedded systems integral to any tech field.

\* Possible replacements:  
PHGN215 and PHGN317

Visit [bulletin.mines.edu](http://bulletin.mines.edu) for additional information, course descriptions, and semesters courses are offered.

A partnership between **CS@Mines** and Electrical Engineering.

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