CPE COURSE STUDENT LEARNING OUTCOMES

CPE 201 - Digital Design

Students will be able to design and implement digital systems that meet specified functional requirements using Boolean logic, combinational and sequential circuits, and programmable logic devices.

Students will be able to evaluate and test digital designs using simulation tools or structured analysis techniques, and accurately interpret the results to verify functional correctness.

Students will be able to apply engineering reasoning to analyze system behavior and make design decisions based on testing outcomes and performance criteria.