

SEMICONDUCTOR TECHNOLOGY POST- BACCALAUREATE CREDIT CERTIFICATE PROGRAM

Learning Outcomes

1. Identify the foundational engineering methods used in semiconductor design and manufacturing.
2. Design a digital integrated circuit to meet a predefined set of specifications.
3. Design a linear integrated circuit using a combination of mathematical analysis, computer simulation, and laboratory breadboarding and measurement.
4. Design a board with integrated circuits for high speed signaling and power delivery.