

Area Courses VLSI/CAD

Fundamental Courses

EE 448L Communication Electronics

EE 454L Introduction to System-on-Chip

EE 457 Computer Systems Organization

EE 477L MOS VLSI Circuit Design

EE 479 Analog Integrated Circuit Design

CSCI 455X Introduction to Programming Systems Design

Digital VLSI

EE 552 Asynchronous VLSI Design

EE 477L

EE 577ab VLSI System Design

EE 477L

CAD, Testing and Verification

EE 580 System Verification

EE 658 Diagnosis and Design of Reliable Digital Systems

EE 680 Computer-Aided Design of Digital Systems I

EE 581

EE 681 Computer-Aided Design of Digital Systems II

EE 557, EE 680

Architectures + VLSI

EE 560 Digital System Design-Tools and Techniques

EE 457

EE 677 VLSI Architecture and Algorithms

EE 557

Mixed-Signal VLSI/Devices

EE 505 Analog, Mixed-Signal and RF Integrated-Circuit Tape-Out

EE 536a

EE 536ab Mixed-Signal Integrated Circuit Design

EE 448L or EE 479

EE 537 Modern Solid-State Devices

EE 582 CMOS: Nano Neuromorphic Circuits

Legend

Grouping

EE 000 Course Title

Prerequisite Courses
 Corequisite Courses

This chart shows course relationships

Please check the University Catalogue for specific course details including any recommended preparatory courses and Degree Requirements