

Area Courses

Computer Architecture

Fundamental Courses

EE 450 Introduction to Computer Networks
EE 451 Parallel and Distributed Computation
EE 454L Introduction to System-on-Chip
EE 457 Computer Systems Organization
EE 477L MOS VLSI Circuit Design
EE 503 Probability for Electrical and Computer Engineers

Systems

EE 554 Real Time Computer Systems EE 457	EE 557 Computer Systems Architecture EE 457
EE 560L Digital System Design EE 457	EE 653 Advanced Topics in Microarchitecture EE 557

Parallel and Concurrent Computing

EE 532 Wireless Internet and Pervasive Computing EE 457 EE 450	EE 533 Network Processor Design and Implementation EE 450 EE 457
EE 542 Internet and Cloud Computing EE 450 or EE 457	EE 657 Parallel and Distributed Computing EE 450 EE 557
EE 659 Interconnection Networks EE 557	EE 677 VLSI Architectures and Algorithms EE 457, CSCI 570

Legend

Grouping

EE 000 Course Title
Recommended Prep.
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