

Area Courses

Computer Architecture

Fundamental Courses

EE 450 Introduction to Computer Networks 4 units
EE 451 Parallel and Distributed Computation 4 units
EE 454L Introduction to System-on-Chip 4 units
EE 457 Computer Systems Organization 4 units
EE 477L MOS VLSI Circuit Design 4 units
EE 503 Probability for Electrical and Computer Engineers 4 units

Systems

EE 554 Real Time Computer Systems 3 units EE 457	EE 557 Computer Systems Architecture 4 units EE 457
EE 560L Digital Systems Design 4 units EE 457	EE 653 Advanced Topics in Microarchitecture 3 units EE 557

Parallel and Concurrent Computing

EE 532 Wireless Internet and Pervasive Computing 3 units EE 450 <small>EE 457</small>	EE 533 Network Processor Design and Programming 3 units EE 457 <small>EE 450</small>
EE 542 Internet and Cloud Computing 3 units EE 450 or EE 457	EE 595 Software Design and Optimization 4 units
EE 657 Parallel and Distributed Computing 3 units EE 557 <small>EE 450</small>	EE 659 Interconnection Networks 3 units EE 557
EE 677 VLSI Architectures and Algorithms 3 units <small>EE 457, CSCI 570</small>	

Legend

Grouping

EE 000 Course Title	
Course Units	Prerequisite Courses
<small>Recommended Prep.</small>	<small>Corequisite Courses</small>

This chart shows course relationships

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