

Coursework

Fall 2016

CSE-441 Advanced Algorithms
CSE-475 Principles and Practice of Parallel Computing
ECE-401 Advanced Computer Architecture
CSE-498 Big Data Analytics (Audit)

ISE-417 Nonlinear Optimization (Audit)
ISE-418 Integer Optimization (Audit)
ISE-444 Opt. Techniques in Machine Learning (Audit)
ISE-447 Financial Optimization (Audit)

Spring 2015

CSE-443 Network Security
CSE-447 Data Mining

ECE-355 Applied Integrated Circuits
CSE-424 Advanced Communication Networks (Audit)

Spring 2015

CSE-403: Advanced Operating System Theory
ECE-332: Design of Linear Electronic Circuits
ECE-387: Digital Control (Audit)
Software Security in Healthcare

ECE-258: Senior Design
ECE-343: Digital Signal Processing
ECE-420: Advanced Circuits and Systems

Fall 2014

CSE-216: Software Engineering
ECE-212: Control Theory
MATH-322: Methods of Applied Analysis

CSE-303: Operating Systems
ECE-257: Senior Design
Software Security Independent Study

Summer 2014

PHIL-145: Philosophy and Technology

Spring 2014

CSE-261: Discrete Structures
ECE-201: Computer Architecture
MATH-320: Ordinary Differential Equations
ME-374: Mechatronics Lab

ECE-125: Circuits and Systems
MATH-208: Complex Variables
MATH-341: Mathematical Models and Their Formulation

Fall 2013

CSE-109: Systems Programming
CSE-262: Programming Languages
ECE-182: Junior Lab
MATH-231: Probability and Statistics

CSE-252/STS-252: Computers, Internet and Society
ECE-108: Signals and Systems
ECE-319: Digital System Design

Summer 2013

ECO-001: Principles of Economics

Spring 2013

CSE-017: Programming and Data Structures
ECE-123: Electronic Circuits
ECE-138: Digital Systems Lab
MATH-205: Linear Methods

ECE-121: Electronic Circuits Lab
ECE-126: Fundamentals of Semiconductors
ENGL-002 Composition and Literature II
STS-011: Technology and Human Values

Fall 2012

ECE-033: Introduction to Computer Engineering
ENGL-001: Composition and Literature I
MATH-023: Analytic Geometry and Calculus III

ECE-081: Principles of Electrical Engineering
ENGR-098: Introduction to Engineering Practice

High School

AP Electricity and Magnetism
AP Classical Mechanics
Material Science and Engineering
Thermodynamics and Fluid Mechanics
AP Computer Science A
Data Structures

AP Calculus BC
AP Statistics
Discrete Mathematics
Public Speaking
AP Chemistry
AP Biology