

Coordinator	Number	Course Title
Mallon	1110	Introduction to Computing Technology
Rice	1111	Introduction to Computer-Assisted Problem Solving
Rice	1112	Introduction to Computer-Assisted Problem Solving for Construction Systems Management
Rice	1113	Spreadsheet Programming for Business
Rice	1114	Introduction to databases using MS Access
Heym	1211	Computational Thinking in Context: Images, Animation, and Games
Sivilotti	1212	Computational Thinking in Context: Mobile Applications
non-cse	1221	Introduction to Computer Programming in MATLAB for Engineers and Scientists
Shareef	1222	Introduction to Computer Programming in C++ for Engineers and Scientists
Morris	1223	Introduction to Computer Programming in Java
Rice	2111	Modeling and Problem Solving with Spreadsheets and Databases
Rice	2112	Modeling and Problem Solving with Spreadsheets and Databases for Engineers
Shareef	2122	Data Structures Using C++
Morris	2123	Data Structures Using Java
Reeves	2133	Business Programming with File Processing
Bucci	2221/5022	Software I: Software Components
Bucci	2231/5023	Software II: Software Development and Design
Supowit	2321/5032	Foundations I: Discrete Structures
Wenger	2331/5331	Foundations II: Data Structures and Algorithms
Agrawal	2421/5042	Systems I: Introduction to Low-Level Programming and Computer Organization
Close	2431/5431	Systems II: Introduction to Operating Systems
Agrawal	2451	Advanced C Programming
Green	2501/5501	Social, Ethical, and Professional Issues in Computing
Cline	3231/5231	Software Engineering Techniques
Bair	3232/5232	Software Requirements Analysis
Nandi	3241/5241	Introduction to Database Systems
Fritz	3321/5321	Automata and Formal Languages
Soundarajan	3341/5341	Principles of Programming Languages
Stewart	3421/5421	Introduction to Computer Architecture
Soundarajan	3430/5043	Overview of Computer Systems For Non-Majors
Sinha	3461/5461	Computer Networking and Internet Technologies
Davis	3521/5521	Survey of Artificial Intelligence I: Basic Techniques
Boggus	3541/5541	Computer Game and Animation Techniques
Sivilotti	3901	Project: Design, Development, and Documentation of Web Applications
Boggus	3902	Project: Design, Development, and Documentation of Interactive Systems
Heym	3903	Project: Design, Development, and Documentation of System Software
Strader	4191	Professional Practice in Industry
Babic	4251	The UNIX Programming Environment
Soundarajan	4252	Programming in C++
Crawfis	4253	Programming in C#

Soundarajan	4254	Programming in Lisp
Rountev	4255	Programming in Perl
Xuan	4471	Information Security
Davis	5052	Survey of Artificial Intelligence for Non-Majors
Ramnath	5234	Distributed Enterprise Computing
Ramnath	5235	Applied Enterprise Architectures and Services
Ramnath	5236	Mobile Application Development
Blanas	5242	Advanced Database Management Systems
Parthasarathy	5243	Introduction to Data Mining
Parthasarathy	5245	Introduction to Network Science
Rountev	5343	Compiler Design and Implementation
Lai	5351	Introduction to Cryptography
Belkin	5361	Numerical Methods
Xuan	5432	Mobile Handset Systems and Networking
Qin	5433	Operating Systems Laboratory
Sadayappan	5441	Introduction to Parallel Computing
Sinha	5462	Network Programming
Sinha	5463	Introduction to Wireless Networking
Xuan	5472	Information Security Projects
Arora	5473	Network Security
Fosler-Lussier	5522	Survey of Artificial Intelligence II: Advanced Techniques
Belkin	5523	Machine Learning and Statistical Pattern Recognition
Davis	5524	Computer Vision for Human-Computer Interaction
Fosler-Lussier	5525	Foundations of Speech and Language Processing
WangD	5526	Introduction to Neural Networks
non-cse	5531	Introduction to Cognitive Science
Shen	5542	Real-Time Rendering
Dey	5543	Geometric Modeling
Machiraju	5544	Introduction to Scientific Visualization
Machiraju	5545	Advanced Computer Graphics
non-cse	5891	Proseminar in Cognitive Science
Ramasamy	5911	Capstone Design: Software Applications
Crawfis	5912	Capstone Design: Game Design and Development
WangH	5913	Capstone Design: Computer Animation
Fosler-Lussier	5914	Capstone Design: Knowledge-Based Systems
Parthasarathy	5915	Capstone Design: Information Systems
Rountev	6231	Formal Foundations of Software Engineering
Supowit	6321	Computability and Complexity
Lai	6331	Algorithms
Dey	6332	Advanced Algorithms
Arora	6333	Distributed Algorithms

Rountev	6341	Foundations of Programming Languages
Teodorescu	6421	Computer Architecture
Panda	6422	Advanced Computer Architecture
Agrawal	6431	Advanced Operating Systems
Sadayappan	6441	Parallel Computing
Shroff	6461	Computer Communication Networks