

- English Composition 1
- English Composition 2
- Algebra 1
- Computer Science 1
- Statistics 1
- Ethics and Human Behavior
- Communication 1
- Communication 2
- Psychology 1
- The Individual and Society
- Sociology 1
- World Literature
- Western Civilization
- Physical Science
- Research and Writing

### CORE COURSES

- C Language
- Programming Languages 1
- Advanced Computer Science
- Synthesis of Ethics and Law for the Computing Professional
- Data Structures
- Formal Methods and Models
- Computer Systems and Programming
- Probability and Statistics for Engineers and Scientists
- Web Software Development
- Computer Systems Architecture
- Software Engineering
- Analysis of Algorithms
- Security in Computing
- Language Processors and Programming Environments
- Database Management
- Computer Graphics
- Computer Communications and Networking
- Computer Processing of Statistical Data
- Data Communication



### Electives-Students takes 6 courses

- Principles of Management
- Marketing 1
- Business Law
- Accounting 1
- Finance 1
- Microeconomics
- Macroeconomics
- Corporate Communication
- Communication Theories and Practices
- Sociology 2
- Systems Analysis and Design

