### Area Courses
#### Computer Networks

**Fundamental Courses**
- CSCI 402 Operating Systems
  - CSCI 455x
- EE 450 Introduction to Computer Networks
- EE 457 Computer Systems Organization
- EE 467 Introduction to Communication Systems
- EE 503 Probability for Electrical and Computer Engineers

**Algorithms and Theory**
- EE 511 Simulation Methods for Stochastic Systems
  - EE 503
- CSCI 570 Analysis of Algorithms
- EE 597 Wireless Networks
  - EE 450, EE 503
- EE 649 Stochastic Network Optimization
  - EE 503
- EE 650 Advanced Topics in Computer Networks
  - EE 450, EE 503

**Protocols and Systems**
- EE 542 Internet and Cloud Computing
  - EE 450 or EE 457
- EE 555 Broadband Network Architectures
  - EE 450, EE 503
- CSCI 551 Computer Communications
  - CSCI 402, EE 450
- CSCI 558L Internetworking and Distributed Systems Laboratory
  - CSCI 402, EE 450
- CSCI 551 and CSCI 555
- EE 579 Wireless and Mobile Networks Design and Laboratory
  - EE 550 or EE 555 or CSCI 551
- EE 652 Low-Power Wireless Networks
  - CSCI 402
- EE 635 Advanced Wireless Communications
  - EE 535

**Physical Layer Communications**
- EE 535 Mobile Communications
- EE 652 Low-Power Wireless Networks

**Hardware**
- EE 533 Network Processor Design and Programming
  - EE 450

**Legend**
- EE 000 Course Title
- Prerequisite Courses
- Recommended Prep.
- Corequisite Courses

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This chart shows course relationships.
Please check the University Catalogue for specific course details including any recommended preparatory courses and Degree Requirements.