C3: Computer Systems and Networks

Computer network is ubiquitous now. This emphasis is designed to prepare students for dynamic careers in the field of computer networks and distributed systems. A set of core courses are focused on advanced topics to allow students to build expertise in areas of fundamental cores of Internet and distributed systems, high performance networking and computing, multimedia and wireless networks, communication protocols, peer-to-peer systems, distributed storage and transactions, resource management, system security, performance measurement and tuning, and various distributed applications.

Area Chair: Prof. Wennie Shu (http://www.ece.unm.edu/~shu/)

Faculty Members:

> Prof. Greg Heileman (http://www.ece.unm.edu/faculty/heileman/)

> Prof. Ramiro Jordan (http://www.ece.unm.edu/faculty/rjordan/)

Major core courses:

List A: Select at-least two core courses from: ECE 520, ECE 533, ECE 536, ECE 537, ECE 538, ECE 540, ECE 549.

List B: Select at-most one core course from: ECE 506, ECE 510, ECE 512, ECE 516, ECE 517, ECE 522, ECE 539, ECE 541, ECE 542, ECE 633.