The College of Engineering Networking Laboratories are intended for use by undergraduate and graduate students in the departments of Computer Science and Electrical and Computer Engineering.

The laboratories are designed to address educational needs in computer networking, security, sensor networking, and network-based services (including those related to service sciences and management engineering (SSME) in North Carolina and the nation and, as such, are consistent with the land-grant mission of the university.

In the graduate space, the laboratories support the Master of Science degree in Computer Networking (MSCN) and its concentrations (e.g., SSME). This is a joint effort between the College of Engineering (departments of Computer Science and Electrical and Computer Engineering) and the College of Management. It is a unique program that blends the technical and management aspects of computer networking in order to offer students a truly unique educational opportunity. By working together, the colleges deliver a curriculum that allows students the flexibility to pursue studies that emphasize the technical and management aspects of computer networking. In addition the laboratory supports a more general research, development, and operations education in security, networking, information technology management and service science management and engineering (SSME) in the computer networking and IT industry.

In the undergraduate space, the laboratories support senior undergraduate project courses in networking and related domains.