CS 513 : Computer Networks

This course provides an introduction to the theory and practice of the design of computer and communications networks, including the ISO seven-layer reference model. Analysis of network topologies and protocols, including performance analysis, is treated. Current network types including local area and wide area networks are introduced, as are evolving network technologies. The theory, design and performance of local area networks are emphasized. The course includes an introduction to queueing analysis and network programming.

Department
Computer Science
Credits 3.0
Prerequisites
knowledge of the C programming language is assumed. CS 504 or equivalent background in CS 5084 or CS 584