TCN-5030 Computer Communications and Networking Technologies

Catalog Description
Teaches the dynamics related to computer communications, how computers are grouped together to form networks, various networking implementation strategies, and current technologies. (3 credits)

Prerequisites
SCIS Graduate Standing

Type
Required for MSTN

Course Objectives
This course provides an introduction to the concepts and principles of computer communications and networks. Students will understand the architectures, protocols, and techniques in different layers of the Internet protocol stack. In addition, students will learn fundamental network programming and analyzing skills.

Topics
Introduction
Application Layer
Transport Layer
Network Layer
Link Layer and Local Area Networks
Multimedia Networking
Network Management

Textbook


Last Update
Deng Pan 8/30/2012