

Program Name: Masters of Science in Telecommunications degree

Academic Department: MET CS

Program Director/Coordinator: John Day

#1. Learning Objectives:

Students graduating with a Master's of Science in Telecommunications degree are expected to:

1. Demonstrate advanced knowledge of data communication protocols and networks including but not limited to error control and flow control, distributed synchronization, error detection and correction, forwarding and techniques to implement it, performance analysis of networks and management of large networks.
2. Demonstrate proficiency in data communication protocols and networks including but not limited to error control and flow control, distributed synchronization, error detection and correction, performance analysis of networks, and management of large networks
3. Demonstrate competence sufficient to design, specify, and develop data transfer protocols for specific purposes. Design, specify, plan, and define networks of any size. Analyze, evaluate, and select telecommunications products.