Networks and Telecommunications

SEC 235

I. MAJOR INSTRUCTIONAL GOALS:

Objective A: Develop a broad understanding of Network technologies and ways to apply them

Objective B: Develop a thorough understanding of current network topologies, protocols, telecommunications hardware, software and Network Operating Systems; and become aware of emerging telecommunications technologies.

Objective C: Perform network analysis and design, understand the world of Network Management and evaluate, select and implement appropriate network infrastructure.

Objective D: Understand the impact of applications on network bandwidth; and gain an understanding of many of the security risks and weaknesses of networking.

Objective E: Understand Internet services and how to interface them with today’s business environment.

II. CLASS PARTICIPATION:

Students are expected to attend class and participate actively and in a positive way. Questions and relevant observations are encouraged and enrich the experience of the entire class. Computers in the classrooms are intended to be used as tools to enhance the students’ learning experience. Instant messaging, gaming, emailing, and surfing the web are distractions to the student, the surrounding students, and the instructor and constitute inappropriate behavior. Students are ethically obliged to avoid these and similar practices.