



H-Form ECE 380

A Brief Course Description			
College	Engineering		
Department/ Program	Electrical Engineering – Communications Engineering Program		
Course Name	Communication Networks		
Course Code	ECE 380		
Year / Level	4/8		
Credit Hours	4		
Contact Hours	Lecture: 3	Lab/Tutorial: 2	Training: 0
Language	English		
Track	<input type="checkbox"/> University <input type="checkbox"/> College <input type="checkbox"/> Department <input checked="" type="checkbox"/> Program		
	<input checked="" type="checkbox"/> Required <input type="checkbox"/> Elective		
Pre-requisites Course	ECE 371, ECE304		
Co-Requests	-		
Course Description	Review of basic digital communications and probability theory. Network architectures. OSI Model and TCP/IP model. Physical layer protocols and digital transmission fundamentals. Data link layer protocols. Network layer protocols. Medium access control protocols. Packet switching and circuit switching. Routing techniques in packet switching networks. Security protocols. Emerging high-speed networks.		