

1	ECE501	Computer Networks	Networks and Services, Medium Access Control Protocols, Packet Switching Networks, TCP/IP Architecture, Mobile Networks
2	ECE502	Information Theory and Coding	Introduction to Information Theory, Introduction to Coding Theory, Linear Block Codes and Convolution Codes, Space Time Codes, Cryptography
3	ECE503	Advanced Radiation Systems	Basic Concepts of Radiation, Analysis and Synthesis of Array Antennas, Radiation from Apertures, Micro Strip Antennas, Antennas and Measurements
4	ECE504	Digital Communication System Design	Introduction to Digital Communication Systems, Sampling, Quantization and Coding, Delta Modulation, Shift Keying Techniques, Spread Spectrum Concepts
5	ECE505	Microwave and Optical Communication Components and Devices	Microwave Devices, Microwave Components & Tubes, Optical Sources & Detectors, Optical Amplifiers and Nonlinearities,
6	ECE506	Modern Digital Signal Processing	Introduction to Modern Digital Signal Processing, Design Of Filters, Fast Fourier Transform, Introduction to Digital signal Processors, Design and implementation example
7	ECE507	Mobile Communication Techniques	Introduction to Wireless Mobile Communications, Cellular Concept and System Design Fundamentals, Mobile radio Propagation, Modulation and Signal Processing, System Examples and Design Issues
8	ECE508	Microwave Integrated Circuits	Introduction to Microwave Integrated Circuits, Passive Components, Analysis of Microstrip lines, Amplifiers and Oscillators, Coupled Microstrips and Modern Antennas