EESC6352 - Digital Communication Systems

**EESC 6352** Digital Communication Systems (3 semester credit hours) This course covers basic principles of digital communications. The topics include introduction to source coding, signal representations, various digital modulation and transmission schemes, demodulators and detectors, error performance evaluations, introduction to channel coding, link budget, channel capacity and system design considerations. Overviews of various communication systems and their applications are also presented. Prerequisite: **ENGR 3341** or equivalent. Corequisite: **EESC 6349**. (3-0) Y (2016-02-06 00:20:23)