

EE 539	Communication System Design Lab	0-0-3	3
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**Course Contents:**

Laboratory experiments are based on the following topics: Design and system level implementation of different modulation techniques (CPM, MSK, CPFSK); adaptive receivers; channel equalizers (MMSE, ZFE, FSE).

**Texts / References:**

1. U. Madhow, Fundamentals of Digital Communication, Cambridge University Press, 2008.
2. J. G. Proakis, Digital Communications, 4th Edition, McGraw Hill, 2000.
3. S. Benedetto and E. Biglieri, Principles of Digital Transmission with Wireless Applications, Kluwer Academic, 1999.