ECSE 620. INFORMATION THEORY AND CODING.

Credits: 4

Offered by: Electrical & Computer Engr (Graduate Studies)

This course is not offered this catalogue year.

Description

Point-to-point communications: source and channel models, lossless source coding (prefix codes, Ziv-Lempel algorithm), performance limits for channel codes, source coding subject to a fidelity criterion, end-toend performance limits. Approaching the limits: convolutional codes, linear codes. The multi-access problem: achievable rate regions, TDMA, CDMA. Secure communications.

- · (3-0-9)
- Prerequisites: ECSE 411 or ECSE 511, and ECSE 510

Most students use Visual Schedule Builder (VSB) to organize their schedules. VSB helps you plan class schedules, travel time, and more.

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