# ECSE 612. MULTI-USER COMMUNICATIONS.

Credits: 4

Offered by: Electrical & Computer Engr (Graduate Studies)

This course is not offered this catalogue year.

## Description

Theory and practice in multi-user communications. Multi-user information theory: multiple access channel, broadcast channel, relay channel, cognitive channel, interference channel, network capacity scaling law. Multi-user resource allocation techniques. Cooperative and cognitive communications, use of side information. Trends in multi-user network communications and contemporary research issues.

- Prerequisite: ECSE 509

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

Launch Visual Schedule Builder