ECE 228A
Fiber Optics

Instructor: Professor Dan Blumenthal
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Lecture: Tu/Th 10:00am-Noon; Makeup Lectures Fridays 10:00am - Noon
Office Hours: TBD

Course Objective: To develop fundamentals of light propagation and amplification in optical fibers and digital transmission in optical amplified links. To understand the evolution of fiber optic links, the underlying technologies and inherent performance limitations.

Prerequisites: Undergraduate EM propagation theory and semiconductor physics.

Textbook: Class Notes


Exams: One midterm and one final
Homework: Assigned weekly each Tues in class. Due following Thurs. Late policy: 10% per day late, maximum 3 days late. No grade for more than 3 days late.

Grading:
Homework: 30%
Midterm: 30%
Final: 40%