ECE228B
Fiber Optic Components and Systems

Instructor: Prof. Daniel J. Blumenthal
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Lecture: Tues/Thur 12:00pm – 1:50am
Makeup Class: Fri TBD
Classroom: HSB 1228
Office Hours: TBA

Text: Instructors Notes

Reserve Books:

Scope: Photodetector design and receiver characteristics. Optical transmitters, optical amplifiers, optical isolators, optical circulators, optical switches, wavelength converters, regenerators, optical multiplexers and demultiplexers. Advanced transmission link design and performance including bit error rate and signal to noise ratio and fiber transmission impairments.

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

Prerequisites: ECE 228A or equivalent

Exam Schedule:
Midterm Exam - TBD
Final Exam – TBD