



E7-221 Aug 2:1

Fiber-Optic Communication

Instructor

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Teaching Assistant

Email:

Department: ECE

Course Time:

Lecture venue:

Detailed Course Page:

Announcements

Brief description of the course

Graduate level course. With Basic Engineering maths background, anyone can take.

Prerequisites

No

Syllabus

Optical sources and detectors suitable for Fiber Optics Communication.

Characterization of sources, detectors, fiber optic/WDM components, Fiber Optic system design. Incoherent and coherent communication.

Course outcomes

Students learn about the various optical sources, detectors and fiber types and their suitability/choice for any application.

Grading policy

Test 1 - 15 %

Test 2 - 15 %

Lab 10 %

Term paper 10 %

Final Exam 50 %

Assignments

Resources