ECE 8019: Advanced Topics in Electromagnetics and Optics

Course Description
Topics are chosen to prepare graduate students for research and application in current problems in electromagnetics and optics.

Transcript Abbreviation: Adv Top EM Opt
Grading Plan: Letter Grade
Course Deliveries: Classroom
Course Levels: Graduate
Student Ranks: Doctoral
Course Offerings: Spring
Flex Scheduled Course: Never
Course Frequency: Odd Years
Course Length: 14 Week
Credits: 3.0
Repeatable: Yes
Maximum Repeatable Credits: 9.0
Total Completions Allowed: 3
Allow Multiple Enrollments in Term: No
Time Distribution: 3.0 hr Lec
Expected out-of-class hours per week: 6.0
Graded Component: Lecture
Credit by Examination: No
Admission Condition: No
Off Campus: Never
Campus Locations: Columbus
Prerequisites and Co-requisites: Prereq: 6010 (719).
Exclusions:
Cross-Listings:

Course Rationale: Existing course.

The course is required for this unit's degrees, majors, and/or minors: No
The course is a GEC: No
The course is an elective (for this or other units) or is a service course for other units: Yes

Subject/CIP Code: 14.1001
Subsidy Level: Doctoral Course

General Information

Course Goals
Prepare graduate students for research and application in current problems in electromagnetics and optics

Course Topics
Advanced topics in electromagnetics and optics chosen to prepare graduate students for research and applications in current problems in electromagnetics and optics

ABET-EAC Criterion 3 Outcomes

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Additional Notes or Comments
Updated prereqs, goals and topics to match university format 3/20/12

Prepared by: Betty Lise Anderson