

2014-2015 SHORT SIGNATURE SHEET



UNC CHARLOTTE

Date: 8 January 2015

Subject: Change of Catalog Entry for ECGR 4185

Originating Department: ECE

TYPE OF PROPOSAL: UNDERGRADUATE GRADUATE UNDERGRADUATE & GRADUATE
 (Separate proposals sent to UCC and Grad. Council)

DATE RECEIVED	DATE FORWARDED	COMMENTS: APPROVED, APPROVED WITH REVISIONS, ETC.	SIGNATURES
	22 Jan 2015		PERSON ORIGINATING PROPOSAL [print name here:] Ryan Adams
		Approved	DEPARTMENT CHAIR [print name here:] ASIS NASIPURI
		Approved	COLLEGE CURRICULUM COMMITTEE CHAIR [print name here:]
	2/25/15	Approved	COLLEGE DEAN [print name here:]
		Approved	GENERAL EDUCATION (if applicable; for General Education courses only) [print name here:]
		Approved	HONORS COLLEGE (if applicable; for Honors courses & programs) [print name here:]
		Approved	UNDERGRADUATE COURSE & CURRICULUM COMMITTEE CHAIR (for undergraduate courses only) [print name here:] Mehdi Alami 2-24-15
		Approved	GRADUATE COUNCIL CHAIR (for graduate courses only)
			FACULTY GOVERNANCE ASSISTANT (received and processed in Academic Affairs)



UNC CHARLOTTE

SHORT FORM COURSE AND CURRICULUM PROPOSAL

*To: Dr. Mehdi Miri

From: Dr. Ryan Adams

Date: 8 January 2015

Re: Change of Catalog Entry for ECGR 4185

SUMMARY:

The catalog entry for ECGR 4185 was changed and no longer aligns with its corresponding graduate course (ECGR 5123). This short form intends to align the two courses again.

FOR CONSULTATION WITH OTHER DEPARTMENTS:

1. Does the proposed change affect other departments (including additions and/or changes to degree requirements or prerequisites offered in other departments)?

_____ Yes X _____ No

2. If Yes, please list the other departments affected by the proposed change:

Mathematics

3. Have you consulted with each department listed in item 2 regarding the proposed change?

_____ Yes _____ No

Result(s) of Consultation(s) (please attach documentation):

4. For a new course or for major modification of an existing course, include Consultation on Library Holdings.
5. For proposals involving Honors courses or programs, include written consultation with the Honors Council.

RESOURCES:

1. For a new course or revisions to an existing course, check all the statements that apply:
 This course will be cross listed with another course.
 There are prerequisites for this course.
 There are co-requisites for this course.
 This course is repeatable for credit.
 This course will affect the number of credits hours for its program.
 This proposal results in the deletion of an existing course(s) from the degree program and/or catalog.
 This proposal will alter an agreement with a North Carolina community college.

For all items checked above, applicable statements and content must be reflected in the proposed catalog copy.

2. Indicate the additional resources required, if any, to implement and maintain the proposed change.

None

CREDIT HOUR (Mandatory if new and/or revised course in proposal):

Review statement and check box once completed.

- The appropriate faculty committee has reviewed the course outline/syllabus and has determined that the assignments are sufficient to meet the University definition of a credit hour.

PROPOSED CATALOG COPY: For existing courses copy and paste the current catalog copy and use the Microsoft Word "track changes" feature (or use red text with "strikethrough" formatting for text to be deleted, and adding blue text with "underline" formatting for text to be added). For new courses, draft comprehensive catalog copy.

ECGR 4185. Electromagnetic Optics Advanced Electromagnetic Field Theory. (3)

~~Prerequisites: ECGR 3122 or permission of the department. This course includes topics of electromagnetic wave in optical devices and optical systems. Electromagnetic wave propagation in dielectric media: optical waveguide, periodic structure, multi-layer dielectric, photonic crystals, anisotropic, and nonlinear materials. Crosslisted as ECGR 5123. Prerequisite: ECGR 3122 or permission of the Department. Maxwell's equations and propagation. Properties of guided and surface waves. Wave properties of light; physical and fiber optics.~~ith a grade of C or above.

ACADEMIC PLAN OF STUDY (UNDERGRADUATE ONLY): Does the proposed change impact an existing Academic Plan of Study?

- Yes. If yes, please provide updated Academic Plan of Study in template format.
 No.

STUDENT LEARNING OUTCOMES (UNDERGRADUATE & GRADUATE): Does this course or curricular change require a change in SLOs or assessment for the degree program?

- Yes. If yes, please provide updated SLOs in template format.
 No.

TEXTBOOK COSTS: It is the policy of the Board of Governors to reduce textbook costs for students whenever possible. Have electronic textbooks, textbook rentals, or the buyback program been considered and adopted?

- Yes. Briefly explain below.
 No. Briefly explain below.

No electronic textbook is available for this course.

IMPORTANT NOTE: A Microsoft Word version of the final course and curriculum proposal should be sent to facultygovernance@uncc.edu upon approval by the Undergraduate Course and Curriculum Committee and/or Graduate Council chair.