

2013-2014 SHORT SIGNATURE SHEET



UNC CHARLOTTE

Date: January 10, 2014

Subject: Concentration in Applied Energy for ELET Program

Originating Department: Engineering Technology and Construction Management

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

DATE RECEIVED	DATE FORWARDED	COMMENTS, APPROVED, APPROVED WITH REVISIONS, ETC	SIGNATURES
	3/25/14		<u>PERSON ORIGINATING PROPOSAL</u> [Deborah Sharer]
3/25/14	3/25/14	Approved	<u>DEPARTMENT CHAIR</u> [Anthony Brizehdine]
	29-Apr 2014	Approved	<u>COLLEGE CURRICULUM COMMITTEE CHAIR</u> [Wesley Williams]
	5/5/14	Approved	<u>COLLEGE DEAN</u> [Robert Johnson]
		Approved	<u>GENERAL EDUCATION</u> (if applicable; for General Education courses only) [print name here:]
		Approved	<u>UNDERGRADUATE COURSE & CURRICULUM COMMITTEE CHAIR</u> (for undergraduate courses only)
		Approved	<u>GRADUATE COUNCIL CHAIR</u> (for graduate courses only)
			<u>FACULTY GOVERNANCE ASSISTANT</u> (received and processed in Academic Affairs)



UNC CHARLOTTE

SHORT FORM COURSE AND CURRICULUM PROPOSAL

*To: Undergraduate Course and Curriculum Committee Chair

From: Deborah Sharer

Date: December 5, 2013

Re: Electrical Engineering Technology Concentration in Applied Energy

SUMMARY:

The Department of Engineering Technology and Construction Management proposes the addition of a concentration in applied energy to the Electrical Engineering Technology (ELET) program. All courses below are listed in the undergraduate course catalog and no new courses must be developed for this concentration.

A concentration in applied energy for the ELET program is available to students successfully completing twelve (12) credit hours from the following list:

- ELET 2141 Introduction to Power Systems (3)
- ELET 4142 Power Electronics (3)
- ELET 4243 Power Networks (3)
- ENER 4140 Energy Management (3)
- ENER 4250 Analysis of Renewable Systems (3)
- ENER 4260 Hydrogen Production and Storage (3)
- ENER 4280 Fuel Cell Technology (3)
- ETCE 3271 Building Systems (3)
- SEGR 4961 Introduction to Energy Systems (3)
- SEGR 4962 Energy Markets (3)
- Other courses as approved

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:

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):

N/A

For a new course or for major modification of an existing course, include Consultation on Library Holdings.

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.

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.

Electronic textbooks, textbook rentals, or the buyback program are incorporated as determined by the course instructor.

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.