

FLORIDA ATLANTIC UNIVERSITY™

UUPC APPROVAL _____
 UFS APPROVAL _____
 SCNS SUBMITTAL _____
 CONFIRMED _____
 BANNER POSTED _____
 CATALOG _____

Undergraduate Programs—NEW COURSE PROPOSAL¹

DEPARTMENT: COMPUTER & ELECTRICAL AND
COMPUTER ENGINEERING

COLLEGE:
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE

RECOMMENDED COURSE IDENTIFICATION:

PREFIX _____ EEL _____ COURSE NUMBER _____ 4283 _____ LAB CODE (L or C) ___ C ___

(TO OBTAIN A COURSE NUMBER, CONTACT [MJENNING@FAU.EDU](mailto:mjennning@fau.edu))

COMPLETE COURSE TITLE: RENEWABLE ENERGY SYSTEMS

EFFECTIVE DATE

(first term course will be offered)

_____ SPRING 2015 _____

CREDITS²: 3

TEXTBOOK INFORMATION:

Renewable and Efficient Electric Power Systems, Gilbert M. Masters, Wiley [Second Edition], 2013

GRADING (SELECT ONLY ONE GRADING OPTION): REGULAR PASS/FAIL _____ SATISFACTORY/UNSATISFACTORY _____

COURSE DESCRIPTION, NO MORE THAN THREE LINES:

INTRODUCTION TO THE THEORIES AND APPLICATIONS OF THE RENEWABLE OF ENERGY SYSTEMS. TOPICS WILL INCLUDE BASIC DESIGNS OF SOLAR SYSTEMS AND WIND SYSTEMS.

PREREQUISITES W/MINIMUM GRADE*:

EEE 3300 – Electronics 1 / C or better
EEL 3112- Circuits 2/ C or better

COREQUISITES*:

REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL)*:

*DEFAULT MINIMUM PASSING GRADE IS D-. PREREQUISITES, COREQUISITES AND REGISTRATION CONTROLS WILL BE ENFORCED FOR ALL COURSE SECTIONS.

MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE:

WAC/GORDON RULE COURSE³

YES _____ NO

WAC/Gordon Rule criteria must be indicated in syllabus. Guidelines: www.fau.edu/WAC

GENERAL EDUCATION REQUIREMENT (MARK X IN FRONT OF SELECTION)⁴

Written Communication Society/Human Behavior
 Mathematics/Quant. Reas. Global Citizenship
 Science/Natural World Creative Expression

Must attach the appropriate General Education Course Approval Request:
www.fau.edu/deanugstudies/GeneralEdCourseApprovalRequests.php

Faculty contact, email and complete phone number:
Vichate Ungvichian, P.E., Ungvich@fau.edu
561-297-3465

Please consult and list departments that might be affected by the new course and attach comments.⁵
N/A

Approved by:

Department Chair: Margaret Endol
 College Curriculum Chair: _____
 College Dean: _____
 UUPC Chair: _____
 Undergraduate Studies Dean: _____
 UFS President: _____
 Provost: _____

Date:

9/1/14

1. Syllabus must be attached; syllabus checklist recommended; see guidelines and checklist: www.fau.edu/academic/registrar/UUPCinfo
2. Review Provost Memorandum: **Definition of a Credit Hour** www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf
3. WAC approval (attach if necessary)
4. Gen. Ed. approval (attach if necessary)
5. Consent of affected departments (attach if necessary)

Email this form and syllabus to mjennning@fau.edu seven business days before the University Undergraduate Programs Committee meeting so that materials may be viewed on the UUPC website prior to the meeting.