

FLORIDA ATLANTIC UNIVERSITY™

UUPC APPROVAL 4/24/15
 UFS APPROVAL _____
 SCNS SUBMITTAL _____
 CONFIRMED _____
 BANNER POSTED _____
 CATALOG _____

Undergraduate Programs—NEW COURSE PROPOSAL ¹

DEPARTMENT: CEGE

COLLEGE: COECS

RECOMMENDED COURSE IDENTIFICATION:

PREFIX SUR COURSE NUMBER 4384 LAB CODE (L or C) C

(TO OBTAIN A COURSE NUMBER, CONTACT NMALDONADO@FAU.EDU)

COMPLETE COURSE TITLE: Thermal infrared remote sensing and applications

EFFECTIVE DATE

(first term course will be offered)

2016 SPRING

CREDITS ² :

3

TEXTBOOK INFORMATION:

Claudia Kuenzer and Stefan Dech, Thermal Infrared Remote Sensing Sensors, Method, Applications, Springer; 2013, ISBN 978-94-007-6639-6

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

COURSE DESCRIPTION, NO MORE THAN THREE LINES: METHODS AND APPLICATIONS OF THERMAL INFRARED REMOTE SENSING, TEMPERATURE INFORMATION WITH AN APPROPRIATE SPATIAL AND TEMPORAL COVERAGE AT LOCAL AND REGIONAL SCALES, USE OF THERMAL INFRARED THERMOMETER AND THERMAL CAMERA TECHNOLOGIES.

PREREQUISITES W/MINIMUM GRADE*:

GIS 4035C with minimum grade of "C" or Special permission from instructor

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:

PH. D in Geomatics engineering or related engineering field

WAC/GORDON RULE COURSE ³

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:
 Hongbo Su, suh@fau.edu, 561-297-3936

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

Approved by:

Department Chair: _____

College Curriculum Chair: _____

College Dean: _____

UUPC Chair: _____

Undergraduate Studies Dean: _____

UFS President: _____

Provost: _____

Date:
04/19/2015
04/20/2015
4/23/2015
4/24/15
5/8/15

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)