

FLORIDA ATLANTIC UNIVERSITY™

Undergraduate Programs—NEW COURSE PROPOSAL¹

UUPC APPROVAL 12/6/13
UFS APPROVAL _____
SCNS SUBMITTAL _____
CONFIRMED _____
BANNER POSTED _____
CATALOG _____

DEPARTMENT: CECE

COLLEGE: ENGINEERING AND COMPUTER SCIENCE

RECOMMENDED COURSE IDENTIFICATION:

PREFIX SUR COURSE NUMBER 4502C LAB CODE (L or C) C

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

COMPLETE COURSE TITLE: INTRODUCTION TO TERRESTRIAL LASER SCANNING

EFFECTIVE DATE

(first term course will be offered)

CREDITS: **3**

TEXTBOOK INFORMATION: Airborne and Terrestrial Laser Scanning— ISBN 9781439827987, Editor(s): George Vosselman, Hans-Gerd Maas, Published: March 5, 2010 by CRC Press

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

COURSE DESCRIPTION, NO MORE THAN THREE LINES: This course gives an introduction to applications of terrestrial laser scanning systems in geosciences, engineering, urban planning, forestry, architecture, emergency planning and forensics.

PREREQUISITES W/MINIMUM GRADE*:
MAC 2281 OR MAC 2311 with "C" or higher

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: PHD

WAC/GORDON RULE COURSE³

YES _____ NO X

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:
Dr. Sudhagar Nagarajan.
Civil, Environmental and Geomatics Engineering
Florida Atlantic University
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Boca Raton, FL, 33431
Phone: (561) 297 3104
E-mail: snagarajan@fau.edu

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:

12/13/2013

11/26/2013

12/4/2013

12/6/13

12/12/13

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 mjenning@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.