# Undergraduate Programs—NEW COURSE PROPOSAL

**Department:** CEGE  
**College:** Engineering AND Computer science  

**Recommended Course Identification:**  
**Prefix** _______ **SUR** _______ **Course Number** _______ **XXX** _______ **LAB CODE (L or C) C** _______  
*(TO OBTAIN A COURSE NUMBER, CONTACT RSHUMAN@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 _______ 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 with Minimum Grade:**  
MAC 2281 or MAC 2311 with “C” or higher  

**Corequisites:**  

**Registration Controls (Major, College, Level):**  

**Minimum Qualifications Needed to Teach This Course:** PhD  

**WAC/Gordon Rule Course:**  
**Yes** _______ **No** _______  
*WAC/Gordon Rule criteria must be indicated in syllabus. Guidelines: [www.fau.edu/WAC](http://www.fau.edu/WAC)*  

**Faculty Contact:**  
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**General Education Requirement (Mark X in Front of Selection):**  
- **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](http://www.fau.edu/deanugstudies/GeneralEdCourseApprovalRequests.php)*  

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

**Date:** 12/13/2013  
**Approved by:**  
Department Chair: [Signature]  
College Curriculum Chair: [Signature]  
College Dean: [Signature]  
UUPC Chair: [Signature]  
Undergraduate Studies Dean: [Signature]  
UFS President: [Signature]  
Provost: [Signature]  

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1. Syllabus must be attached; syllabus checklist recommended; see guidelines and checklist: [www.fau.edu/academic/registrar/UUPCInfo](http://www.fau.edu/academic/registrar/UUPCInfo)  
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 mjennings@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.  

**FAUnewcourseUG—Revised September 2012**