**FLORIDA ATLANTIC UNIVERSITY**

**Graduate Programs—NEW COURSE PROPOSAL**

**DEPARTMENT:** Civil, Environmental and Geomatics Engineering

**COLLEGE:** Engineering and Computer Science

**RECOMMENDED COURSE IDENTIFICATION:**
- **PREFIX**
- **SUR**
- **Course Number:** 5930
- **LAB CODE** (C) N/A

**Complete Course Title:** TOPICS IN CIVIL ENGINEERING

**EFFECTIVE DATE**
- (first term course will be offered)
- FALL 2016

**CREDITS:** 3

**TEXTBOOK INFORMATION:**
1. Tbd depending on the course.

**GRADING (SELECT ONLY ONE GRADING OPTION):**
- **REGULAR** YES
- **SATISFACTORY/UNSATISFACTORY**

**COURSE DESCRIPTION, NO MORE THAN THREE LINES:**
Study relating to specialized topics associated with civil engineering, including but not limited to foundations, prestressed concrete, advanced concrete and steel design, geomembranes, soil stabilization, finite elements, advanced mechanics and hydraulics.

**PREREQUISITES:**
- *Prerequisite: Permission of instructor*

**COREQUISITES:**
- NONE

**REGISTRATION CONTROLS (MAJOR, COLLEGE, LEVEL):**
- MAJOR CIVIL ENGINEERING

---

**MINIMUM QUALIFICATIONS NEEDED TO TEACH THIS COURSE:**
- Faculty contact, email and complete phone number:
  - Dr. Frederick Bloetscher, P.E., DWRE, LEED-AP, Associate Professor
  - Office Address: Engineering West (EG-36) Bldg., Room 239
  - Telephone Number: 239-250-2423
  - Email Address: h2o_man@bellsouth.net

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

- This is a graduate level companion to CGN 6930 to help BS/MS students to take a companion class in their senior year that will count for both degrees.

---

FAUnewcourseGrad—Revised September 2013
<table>
<thead>
<tr>
<th>Approved by:</th>
<th>Date:</th>
<th>Syllabus must be attached; see guidelines for requirements:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department Chair:</td>
<td>02/10/2016</td>
<td><a href="http://www.fau.edu/provost/files/course_syllabus.2011.pdf">www.fau.edu/provost/files/course_syllabus.2011.pdf</a></td>
</tr>
<tr>
<td>College Curriculum Chair:</td>
<td>2/25/16</td>
<td></td>
</tr>
<tr>
<td>College Dean:</td>
<td>3/25/16</td>
<td></td>
</tr>
<tr>
<td>UGPC Chair:</td>
<td>4/8/2016</td>
<td></td>
</tr>
<tr>
<td>Graduate College Dean:</td>
<td>4/6/2016</td>
<td></td>
</tr>
<tr>
<td>UFS President:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Provost:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. Review Provost Memorandum: Definition of a Credit Hour
   www.fau.edu/provost/files/Definition_Credit_Hour_Memo_2012.pdf

2. Consent from affected departments (attach if necessary)

Email this form and syllabus to UGPC@fau.edu **one week before** the University Graduate Programs Committee meeting so that materials may be viewed on the UGPC website prior to the meeting.