<table>
<thead>
<tr>
<th>Course</th>
<th>ECSC 3100</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering Projects in Community Service II (1 Credit)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Professor</th>
<th>Dr. Nicholas R. Gans</th>
</tr>
</thead>
<tbody>
<tr>
<td>Term</td>
<td>Spring Semester 2018</td>
</tr>
<tr>
<td>Meetings</td>
<td>Thursday: 4pm – 5:50pm SPN 1.121</td>
</tr>
</tbody>
</table>

**Professor Gans’ Contact Information**
- Office Phone: 972-883-4341
- Other Phone: N/A
- Office Location: ECSN 4.910 (My research lab is in ATC 1.608, so I am often there)
- Email Address: ngans@utdallas.edu
- Office Hours: Monday and Wednesday 4:00 PM - 5:00 PM or by appointment

**Professor Bennett’s Contact Information**
- Office Phone: 972-883-2043
- Other Phone: N/A
- Office Location: SPN 2.223 G2
- Email Address: tbennett@utdallas.edu
- Office Hours: Tuesday 2:00 PM - 4:00 PM or by appointment

**General Course Information**
- **Prerequisites, Co-requisites, & other restrictions**
- **Course Description**
  
  **ECSC 3100 - Engineering Projects in Community Service** (1 semester credit hour) This is a design course in which multidisciplinary teams will solve engineering-based problems for the local community. Students will focus on topics project management in addition to design, communication skills, and more. This course will include lectures and instruction in UTDesign Studio
  
  Prerequisite: ECSC 2100

<table>
<thead>
<tr>
<th>Learning Outcomes</th>
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</thead>
<tbody>
<tr>
<td>• Students will gain an understanding of project management from start to finish.</td>
</tr>
<tr>
<td>• Students will function on multidisciplinary teams, apply knowledge from their discipline and acquire new knowledge for the design of community based projects</td>
</tr>
<tr>
<td>• Students will communicate effectively both orally and written with widely-varying backgrounds</td>
</tr>
</tbody>
</table>

**Required Texts & Materials**
- NA
Grading criteria and major due date

**Team Components**

<table>
<thead>
<tr>
<th>Components</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Charter</td>
<td>Jan. 18, 2018</td>
</tr>
<tr>
<td>Semester Project Plan</td>
<td>Feb. 15, 2018</td>
</tr>
<tr>
<td>Mid-semester Design Presentation</td>
<td>Mar. 8, 2018</td>
</tr>
<tr>
<td>Design Review</td>
<td>Apr. 19 – Apr. 26, 2018</td>
</tr>
<tr>
<td>Final Written Report</td>
<td>Apr. 30, 2018</td>
</tr>
<tr>
<td>Project Webpage</td>
<td>Evaluated Monthly</td>
</tr>
</tbody>
</table>

**Team/Personal Components**

<table>
<thead>
<tr>
<th>Components</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Project Results (agreed by advisors and/or sponsors, weighted by peer review)</td>
<td>Evaluated 2x/Semester</td>
</tr>
</tbody>
</table>

**Personal Components**

<table>
<thead>
<tr>
<th>Components</th>
<th>Due</th>
</tr>
</thead>
<tbody>
<tr>
<td>Individual Weekly Report</td>
<td>Evaluated Weekly</td>
</tr>
<tr>
<td>Reflection Notebooks</td>
<td>Evaluated Monthly</td>
</tr>
<tr>
<td>Periodic Assignments (described when needed)</td>
<td>ongoing</td>
</tr>
</tbody>
</table>

100%

**Important dates**

- Last day to drop a class without a “W” – Jan. 24, 2018
- Last day to drop a class with a “W” – Mar. 26, 2018
- Martin Luther King Day, no class – Jan. 15, 2018
- Last day to deliver completed project – Mar. 29, 2018
- Spring Break, no class – Mar. 12, 2018– Mar. 18, 2018

**Course Policies**

### Grading (credit) Criteria

<table>
<thead>
<tr>
<th>Grading Criteria</th>
<th>Targeted grade ranges:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>90-100%</td>
</tr>
<tr>
<td>A-</td>
<td>89%</td>
</tr>
<tr>
<td>B+</td>
<td>87-88%</td>
</tr>
<tr>
<td>B</td>
<td>80-86%</td>
</tr>
<tr>
<td>B-</td>
<td>79%</td>
</tr>
<tr>
<td>C+</td>
<td>77-78%</td>
</tr>
<tr>
<td>C</td>
<td>70-76%</td>
</tr>
<tr>
<td>C-</td>
<td>69%</td>
</tr>
<tr>
<td>D+</td>
<td>67-68%</td>
</tr>
<tr>
<td>D</td>
<td>60-66%</td>
</tr>
<tr>
<td>D-</td>
<td>59%</td>
</tr>
<tr>
<td>F</td>
<td>&lt;59%</td>
</tr>
</tbody>
</table>

**Make-up Exams**

See Grading (credit) Criteria

**Extra Credit**

Bonus project may be assigned

**Late Work**

Will not be accepted

**Special Assignments**

At instructors discretion

**Class Attendance**

Students are encouraged to attend every class.

**Classroom Citizenship**

Professional at all times. As courtesy to classmates and instructor, electronic devices, should be turned off during class, except when permitted by the instructor.

**Academic Integrity**

The faculty expects from its students a high level of responsibility and academic honesty. Because the value of an academic degree depends upon the absolute integrity of the work done by the student for that degree, it is imperative that a student demonstrate a high standard of individual honor in his or her scholastic work.

Scholastic dishonesty includes, but is not limited to, statements, acts or omissions related to applications for enrollment or the award of a degree, and/or the submission as one’s own work or material that is not one’s own. As a general rule, scholastic dishonesty involves one of the following acts: cheating, plagiarism, collusion and/or
falsifying academic records. Students suspected of academic dishonesty are subject to disciplinary proceedings.

Plagiarism, especially from the web, from portions of papers for other classes, and from any other source is unacceptable and will be dealt with under the university’s policy on plagiarism (see general catalog for details). This course will use the resources of turnitin.com, which searches the web for possible plagiarism and is over 90% effective.

http://www.utdallas.edu/deanofstudents/integrity/
http://www.utdallas.edu/deanofstudents/bigfour/

We take this very seriously. Any case of suspected cheating or plagiarizing will be referred to Judicial Affairs. Previous students in this course copied material from websites without attribution and received a 0 on their final report (10% of the grade).

| Comet Creed | This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:
|             | “As a Comet, I pledge honesty, integrity, and service in all that I do.” |

| UT Dallas Syllabus Policies and Procedures | The information contained in the following link constitutes the University’s policies and procedures segment of the course syllabus. Please go to http://go.utdallas.edu/syllabus-policies for these policies. |

*The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.*