

Guidelines for the Successful Completion of ENGT 435W Senior Design Project via Approved ODU Student Competitions

Form 1 Procedure:

Civil Engineering Technology (CET) students interested in obtaining credit for ENGT 435W Senior Design Project may be able to do so by participation in approved ODU student competitions. Those interested shall submit an application to the CET Program Director prior to the start of classes. Two options are available: (1) complete two regular student competitions, or (2) join either the Engineering Without Borders (EWB) Chapter or the Solar Decathlon Project. A regular student competition can be completed in one semester. EWB and Solar Decathlon projects may take up to one full year. The approved ODU student competitions available are noted below. Other discipline-related competitions may be approved upon written request to the CET Program Director and the instructor of record for the senior design project.

1. ACI Student Competitions
2. ASCE Bridge or Canoe Competition
3. ASC Region 1 Bid competition
4. Engineering Without Borders (EWB) ODU Chapter
5. Solar Decathlon

The student is required to organize and prepare a portfolio that clearly explain all activities related to the competition(s). There shall be a faculty assessor supervising the competition. All competitions aim to prepare the student to develop skills related to the civil engineering field. At a minimum, the items below shall be included in the students' portfolio.

1. Title and Abstract
2. Project Objectives
3. Work scheduling table
4. Name of participants
5. Breakdown of work per participant in %
6. Meeting minutes
7. Design activities
8. Project deliverables
9. Details of Presentation at Competition
10. Faculty assessor's evaluation
11. Organize everything in a portfolio
12. Project Presentation at ODU, 20 mins max.

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Form 2 Application:

I am requesting to complete my senior design project via participation in student competitions. I fully understand that my participation and performance in such events will be used to determine my final grade in ENGT 435W. By signing this document, I agree with the terms of this contract and commit to actively work for the success of this project. I will submit a copy of this application to the CET Program Director and the instructor of record for ENGT 435W.

1. Name: _____
2. Student UIN: _____
3. Email: _____
4. Phone: _____
5. Expected graduation date: _____
6. Competition
 - a) Name of competition: _____
 - b) Faculty Assessor: _____
 - c) Email: _____
 - d) Phone: _____
 - e) Duration of competition: _____
7. Instructor's name listed on Leo Online for ENGT 435W
Full name: _____
Email: _____
Phone: _____

ODU Honor Code:

The Honor Code, Honor Pledge and Monarch Creed are the guiding principles of all Monarchs at ODU. They are the shared fundamental beliefs that commit all Monarchs to provide the highest level of integrity to the University, the community and themselves.

<https://www.odu.edu/about/monarchcitizenship>

Signature of Applicant: _____

Date: _____

Faculty Assessor:

The student above has requested participation in the competition that I am supervising. At the end of the project, I will submit my evaluation to the instructor of record noted in line 7 above.

Faculty Assessor Name: _____

Signature: _____

Date: _____

The student's request is approved: YES _____ NO _____

If NO comment below:

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Form 3 Evaluation:

This form is to be completed by the Faculty Assessor.

Evaluation of Work Performed by the Student:

Items	5 points max. per item	Sum
1. Attendance – provide a score based on attendance by the student		
2. Organization – provide a score based on organizational skills		
3. Communication Skills – provide a score based on written, verbal, listening, and team skills		
4. Presentation Skills – provide a score based on overall presentation skills		
5. Content Knowledge		
6. Overall Participation		
Sum =		

Faculty Assessor Comments:

Final Grade: _____

Faculty Assessor:

Name: _____

Signature: _____

When complete please submit a copy of this page to the CET Program Director and the instructor of record for the senior design project listed on page 2 item 7.