Course Change Request

Date Submitted: 11/06/17 2:04 pm

Viewing: **OCEN 336 : Fluid Dynamics Laboratory**

Last approved: 08/29/17 3:16 am
Last edit: 01/23/18 2:24 pm
Changes proposed by: charlie8

Catalog Pages referencing this course:
- Department of Ocean Engineering
  - OCEN - Ocean Engineering (OCEN)

Programs referencing this course:
- BS-OCEN: Ocean Engineering - BS
- BS-ENVE: Civil Engineering, BS - Coastal and Ocean Engineering Track
- BS-ENVE-ENV: Civil Engineering, BS, Environmental Engineering Track
- BS-CVEN-WRN: Civil Engineering, BS, Water Resources Engineering Track

Faculty Senate Number: **SR3497**

Contact(s):

<table>
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<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
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<tbody>
<tr>
<td>Robert Randall</td>
<td>r <a href="mailto:RANDALL@tamu.edu">RANDALL@tamu.edu</a></td>
<td>979-845-4568</td>
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Rationale for Course

The proposed changes are to support major changes to an existing program.

Course prefix: OCEN  
Course number: 336

Department: Ocean Engineering
College/School: College of Engineering
Academic Level: Undergraduate
Undergraduate course level justification (Select One)

Academic Level: Graduate
Effective term: 2018-2019
Complete Course Title: Fluid Dynamics Laboratory
Abbreviated Course Title: FLUID DYNAMICS LAB

Catalog course description:
Introduction to laboratory techniques, calibration principles, reports and fluid measurements; determination of fluid properties; visualization of types of flow; experiments in closed conduit flow of air, water and oil; fluid drag and turbomachinery tests; open channel and gravity wave demonstrations.

Prerequisites and Restrictions:
Grade of C or better in OCEN 311 or CVEN 311, or concurrent enrollment.

Concurrent Enrollment: No
Should catalog prerequisites / concurrent enrollment be enforced? Yes

In Workflow
1. OCEN Department Head
2. Curricular Services Review
3. EN Committee Preparer UG
4. EN Committee Chair UG
5. EN College Dean UG
6. UCC Preparer
7. UCC Chair
8. Faculty Senate Preparer
9. Provost II
10. President
11. Curricular Services
12. Banner

Approval Path
1. 11/06/17 2:32 pm Sharath Girimaji (girimajj): Approved for OCEN Department Head
2. 11/13/17 8:54 pm Sandra Williams (sandra-williams): Approved for Curricular Services Review
3. 11/17/17 2:59 pm Eileen Hoy (ehoy): Approved for EN Committee Preparer UG
4. 11/17/17 3:56 pm Prasad Enjeti (enjeti): Approved for EN Committee Chair UG
5. 11/17/17 4:06 pm Prasad Enjeti (enjeti): Approved for EN College Dean UG
6. 11/19/17 9:50 am Sandra Williams (sandra-williams): Approved for UCC Preparer
7. 12/05/17 11:01 am Sandra Williams (sandra-williams): Approved for UCC Chair
8. 01/11/18 4:11 pm Jan Helgoth (helgoth): Approved for Faculty Senate Preparer

https://nextcatalog.tamu.edu/courseleaf/approve/
Enforced Prerequisites / Concurrent Enrollment

<table>
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<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>Concurrency?</th>
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<tr>
<td>Or</td>
<td>OCEN 311</td>
<td>C</td>
<td>UG</td>
<td>Yes</td>
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<tr>
<td></td>
<td>CVEN 311</td>
<td>C</td>
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<td>Yes</td>
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Crosslisted With: No
Stacked with: No

Semester: 1
Credit Hour(s): Contact Hour(s) (per week): Lecture: 0 Lab: 2 Other: 0 Total: 2
Repeatable for credit: No
Three-peat: No
CIP/Fund Code: 1411010006
Default Grade Mode: Letter Grade(G)
Alternate Grade Modes: Satisfactory/Unsatisfactory
Method of instruction: Laboratory

Will sections of this course be taught as non-traditional? (i.e., parts of term, distance education) No

Will this course be taught as a distance education course? No
Is 100% of this course going to be taught in Texas? Yes
Will classroom space be needed for this course? Yes

This will be a required course or an elective course for the following programs:

Required (select program)
(BS-OCEN) Ocean Engineering - BS

Elective (select program)

Has/will this course be(en) submitted for No
core curriculum consideration?

Has/will this course be(en) submitted for Writing or Communication consideration?  No

Has/will this course be(en) submitted for ICD consideration?  No

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**Course Syllabus**

Syllabus: Upload syllabus

Upload syllabus

Letters of support or other documentation  No Yes

Additional information

Reviewer Comments

**Sandra Williams (sandra-williams) (11/13/17 8:51 pm):** Edits made to the catalog prerequisites to comply with catalog style guide.

**Sandra Williams (sandra-williams) (12/05/17 11:01 am):** UCC approved in December.

**Jan Helgoth (helgoth) (01/23/18 2:24 pm):** Rollback: to Feb Agenda

Reported to state?  No

Key: 1/20/17