Course Change Request

Date Submitted: 11/09/17 5:08 pm

Viewing: CVEN 302: Computer Applications in Engineering and Construction

Last edit: 01/23/18 2:17 pm

Changes proposed by: kbrumbelow

Catalog Pages referencing this course
CVEN - Civil Engineering (CVEN)
Zachry Department of Civil Engineering

Programs referencing this course
BS: Architectural Engineering
BS-GIST-CDA: Geographic Information Science and Technology - BS, Computation, Design and Analysis Track
BS-CVEN: Civil Engineering - BS

Faculty Senate Number

Contact(s)

<table>
<thead>
<tr>
<th>Name</th>
<th>E-mail</th>
<th>Phone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kelly Brumbelow</td>
<td><a href="mailto:kbrumbelow@tamu.edu">kbrumbelow@tamu.edu</a></td>
<td>979-862-7633</td>
</tr>
</tbody>
</table>

Rationale for Course

Edit

Other

Explain other rationale

Correction/clarification of minimum grade needed in pre-requisites.

Course prefix CVEN
Course number 302

Department Civil Engineering

College/School College of Engineering

Academic Level Undergraduate

Undergraduate course level justification (Select One)

Academic Level (alternate) Graduate

Effective term 2018-2019

Complete Course Title Computer Applications in Engineering and Construction

Abbreviated Course Title COMP APPL ENGR & CONST

Catalog course description
Application of computers to solution of civil engineering problems using various numerical methods; structured computer programming; mathematical modeling and error analysis; solution of algebraic and differential equations; numerical differentiation and integration; curve-fitting; root-finding.

Prerequisites and Restrictions
Grade of C or better in ENGR 112; grade of C or better in MATH 308 or concurrent enrollment; or registration therein; admitted to major degree sequence in civil engineering.

Concurrent Enrollment No

In Workflow
1. CVEN 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. 11/09/17 5:38 pm
Kelly Brumbelow (kbrumbelow): Approved for CVEN Department Head

2. 11/15/17 9:27 pm
Sandra Williams (sandra-williams): Approved for Curricular Services Review

3. 11/17/17 2:38 pm
Eileen Hoy (ehoy): Approved for EN Committee Preparer UG

4. 11/17/17 3:51 pm
Prasad Enjeti (enjeti): Approved for EN Committee Chair UG

5. 11/17/17 4:02 pm
Prasad Enjeti (enjeti): Approved for EN College Dean UG

6. 11/19/17 9:46 am
Sandra Williams (sandra-williams): Approved for UCC Preparer

7. 12/05/17 10:33 am
Sandra Williams (sandra-williams): Approved for UCC Chair

8. 01/10/18 3:49 pm
Jan Helgoth (helgoth): Approved for Faculty Senate Preparer

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

<table>
<thead>
<tr>
<th>And/Or</th>
<th>Course Prefix/Number</th>
<th>Min Grade/Score</th>
<th>Academic Level</th>
<th>)</th>
<th>Concurrency?</th>
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<tbody>
<tr>
<td>And</td>
<td>ENGR 112</td>
<td>C</td>
<td>UG</td>
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<tr>
<td>And</td>
<td>MATH 308</td>
<td>C</td>
<td>UG</td>
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<td>Yes</td>
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Crosslistings: No
Stacked: No

Semester: 3
Credit Hour(s): Contact Hour(s) (per week):
Lecture: 2
Lab: 3
Other: 0
Total: 5

Repeatable for credit: No
Three-peat: No
CIP/Fund Code: 1408010006
Default Grade Mode: Letter Grade(G)
Alternate Grade Modes: Satisfactory/Unsatisfactory
Method of instruction: Lecture
                     Lecture and 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)
Elective (select program)

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

Has/will this course be(en) submitted for Writing or
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
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<tbody>
<tr>
<td>Communication consideration?</td>
<td>No</td>
</tr>
<tr>
<td>Has/will this course be(en) submitted for ICD consideration?</td>
<td>No</td>
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**Course Syllabus**

<table>
<thead>
<tr>
<th>Syllabus:</th>
<th>Upload syllabus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Letters of support or other documentation</td>
<td>No</td>
</tr>
<tr>
<td>Additional information</td>
<td></td>
</tr>
<tr>
<td>Reviewer Comments</td>
<td>Sandra Williams (sandra-williams) [12/05/17 10:33 am]: UCC approved in December. Jan Helgoth (helgoth) [01/23/18 2:17 pm]: Rollback: to Feb Agenda</td>
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<td>Reported to state?</td>
<td>No</td>
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