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| For Academic Affairs and Research Use Only | |
| CIP Code: |  |
| Degree Code: |  |

**Bulletin / Banner Change Transmittal Form**

**[✓] Undergraduate Curriculum Council**

**[ ] Graduate Council**

Signed paper copies of proposals submitted for consideration are no longer required. Please type approver name and enter date of approval.

Email completed proposals to [curriculum@astate.edu](mailto:curriculum@astate.edu) for inclusion in curriculum committee agenda.

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| |  |  | | --- | --- | | Jason Stewart | 3/26/2019 |   **Department Curriculum Committee Chair** | |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **COPE Chair (if applicable)** |
| |  |  | | --- | --- | | Jason Stewart | 3/26/2019 |   **Department Chair:** | |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **Head of Unit (If applicable)** |
| |  |  | | --- | --- | | Jason Stewart | 3/26/2019 |   **College Curriculum Committee Chair** | |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **Undergraduate Curriculum Council Chair** |
| |  |  | | --- | --- | | Yeonsang Hwang | 3/26/2019 |   **College Dean** | |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **Graduate Curriculum Committee Chair** |
| |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **General Education Committee Chair (If applicable)** | |  |  | | --- | --- | | \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |   **Vice Chancellor for Academic Affairs** |

**1.Contact Person** (Name, Email Address, Phone Number)

Jason Stewart, [jstewart@astate.edu](mailto:jstewart@astate.edu), 972-2088

**2.Proposed Change**

Add SUR 4023 to the list of approved courses for the CE Elective in the BSCE degree plan

**3.Effective Date**

Fall 2019

**4.Justification –** *Please provide details as to why this change is necessary.*

Addition of this course will allow students to complete the new Surveying minor with only 15 hours beyond the current BSCE requirement of 128 hours. The CE elective course is not required for accreditation purposes but rather as supplementary support to the ABET minimums for accreditation, so utilizing a new Surveying course for that slot is not a problem for accreditation and in fact allows students pursuing the surveying minor an opportunity to make themselves more marketable after graduation without adding more than one extra semester to their studies.

**Bulletin Changes**

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| **Instructions** |
| **Please visit** [**http://www.astate.edu/a/registrar/students/bulletins/index.dot**](http://www.astate.edu/a/registrar/students/bulletins/index.dot) **and select the most recent version of the bulletin. Copy and paste all bulletin pages this proposal affects below. Follow the following guidelines for indicating necessary changes.**  **\*Please note: Courses are often listed in multiple sections of the bulletin. To ensure that all affected sections have been located, please search the bulletin (ctrl+F) for the appropriate courses before submission of this form.**  - Deleted courses/credit hours should be marked with a red strike-through (~~red strikethrough~~)  - New credit hours and text changes should be listed in blue using enlarged font (blue using enlarged font).  - Any new courses should be listed in blue bold italics using enlarged font (***blue bold italics using enlarged font***)  *You can easily apply any of these changes by selecting the example text in the instructions above, double-clicking the ‘format painter’ icon 🡪 , and selecting the text you would like to apply the change to.*  *Please visit* [*https://youtu.be/yjdL2n4lZm4*](https://youtu.be/yjdL2n4lZm4) *for more detailed instructions.* |

From page 204, 2018-19 Undergraduate Bulletin

Major in Civil Engineering

**Bachelor of Science in Civil Engineering**

A complete 8-semester degree plan is available at https://www.astate.edu/info/academics/degrees/

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| University Requirements: | |
| See University General Requirements for Baccalaureate degrees (p. 44) | |
| **First Year Making Connections Course:** | **Sem. Hrs.** |
| ENGR 1402, Concepts of Engineering (See Engineering Core Courses) | **-** |
| **General Education Requirements:** | **Sem. Hrs.** |
| See General Education Curriculum for Engineering | **38** |
| **Engineering Core Courses:** | **Sem. Hrs.** |
| Refer to Engineering Core Courses | **20** |
| **Major Requirements:**  In addition to the University requirements for all Baccalaureate Degrees, a Bachelor of Science in Civil Engineering requires that one of the two following conditions be met:  1. “C” or better in each course in the major courses; **OR**  2. 2.5 (or greater) grade point average in the major courses listed below. | **Sem. Hrs.** |
| CE 2202, Civil Engineering Presentations | 2 |
| CE 2223, Plane Surveying | 3 |
| CE 3213, Structural Analysis I | 3 |
| CE 3224, Civil Engineering Materials | 4 |
| CE 3233, Structural Analysis II **OR**  CE 4263, Water and Waste Treatment | 3 |
| CE 3253, Engineering Hydrology | 3 |
| CE 3263, Introduction to Environmental Engineering | 3 |
| CE 3273, Water and Waste Systems | 3 |
| CE 4203, Transportation Engineering I | 3 |
| CE 4223, Transportation Engineering II | 3 |
| CE 4233, Foundation Engineering | 3 |
| CE 4243, Reinforced Concrete Design | 3 |
| CE 4251, Soil Mechanics Laboratory | 1 |
| CE 4253, Soil Mechanics | 3 |
| CE 4283, Structural Steel Design | 3 |
| **CE Elective:**  CE 3233, Structural Analysis II **OR**  CE 4263, Water and Waste Treatment **OR**  CE 4803, Open Channel Flow **OR**  CE 4813, Groundwater Hydrology **OR**  CE 4823, Earthquake Engineering **OR**  CE 4893, Sustainability and Water Resources **OR**  SUR 4023, Advanced Surveying | 3 |
| ENGR 2411, Mechanics of Materials Laboratory | 1 |
| ENGR 2413, Mechanics of Materials | 3 |