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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 for inclusion in curriculum committee agenda.

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| Jason Stewart | 12/18/2019 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Jason Stewart | 12/18/2019 |

**Department Chair:**  |

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**Head of Unit (If applicable)**   |
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| Jason Stewart | 1/9/2020 |

**College Curriculum Committee Chair** |

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**Undergraduate Curriculum Council Chair** |
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| Abhijit Bhattacharyya | 1/10/2020 |

**College Dean** |

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**Graduate Curriculum Committee Chair** |
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**General Education Committee Chair (If applicable)**   |

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**Vice Chancellor for Academic Affairs** |

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

Jason Stewart, jstewart@astate.edu, 972-3226

**2.Proposed Change**

1. Change prerequisite of CE 2223 to a co-requisite for CE 2202

2. Name change on minor from Surveying to Land Surveying and Geomatics

**3.Effective Date**

Fall 2020

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

1. Original intent was sequencing within the BSCE degree plan, but both of these courses (CE 2223 and CE 2202) are part of new proposed degrees (one AAS and one BS) in Land Surveying and Geomatics. The AAS time frame necessitates that the courses be taken simultaneously, and there’s no content reason to force the prerequisite even within the BSCE curriculum. BSCE students will still be advised to take CE 2223 before CE 2202, but taking it as a co-requisite doesn’t jeopardize their chance to be successful in the course.

2. Consultation with professional surveyors and research into similar program names reveals that a little bit longer title is appropriate and more conventional. I don’t want A-State’s program to be missed in online searches and things. The new proposed degrees follow this naming convention, so we want the minor to have the same nomenclature for consistency.

**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.* |

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| Horticulture |
| Interdisciplinary Family Studies |
| International Business |
| International Studies |
| Land Surveying and Geomatics |
| Leadership Studies |
| Logistics |
| Management |
| Marine Science |
| Marketing |
| Mathematics |
| Medieval Studies |
| Military Science and Leadership |
| Modern European Studies |
| Multimedia Journalism |
| Music |
| Philosophy |
| Physics |
| Plant Science |
| Political Science |
| Psychology |
| Religious Studies |
| Renewable Energy Technology |
| Sales Leadership |
| Sociology |
| Spanish |
| ~~Surveying~~ |
| Precision Agriculture |
| Strategic Communication |
| Statistics |
| Theatre |
| United States History |
| Women and Gender Studies |
| Writing Studies |

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**College of Engineering and Computer Science**

Professor Abhijit Bhattacharyya, Dean

*Associate Professor Yeonsang Hwang, Interim Associate Dean*

**PROGRAMS OF STUDY**

The College of Engineering and Computer Science offers undergraduate degree programs in a broad spectrum of areas, including a Bachelor of Arts degree in Computer Science; a Bachelor of Sci- ence degree in Computer Science; a Bachelor of Science in Civil Engineering degree; a Bachelor of Science in Electrical Engineering degree; and a Bachelor of Science in Mechanical Engineering degree. Minors are also available in Computer Science, **Land** Surveying **and Geomatics**, and Engineering.

The College of Engineering and Computer Science grants a wide-range of master’s degree (M.E.M., M.S., M.S.E., M.S.Engr.) programs and multiple graduate certificates. For further information, see A- State’s Graduate Bulletin.

The college is comprised of one department and three programs: Department of Computer Science

Program for Civil Engineering Program for Electrical Engineering Program for Mechanical Engineering

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### Engineering Program Minors

##### Minor in Land Surveying and Geomatics

Students who are majoring in Civil Engineering may elect to complete the Minor in Land Surveying and Geomatics. The student is encouraged to declare the Land Surveying and Geomatics minor no later than the end of their sophomore year and follow the BSCE degree plan with the Land Surveying and Geomatics minor modifications from that point forward. Civil Engineering advisors will have a modified degree plan for students taking the Land Surveying and Geomatics minor. For BSCE students, completion of the Land Surveying and Geomatics minor along with the appropriate work experience and references will qualify the student to take the Professional Surveyor (P.S.) licensure exam in the state of Arkansas. The student must earn a grade of C or better in all courses comprising the 18 credit hours or have a grade point average of 2.5 or above over these courses. The Land Surveying and Geomatics minor does not complete the educational requirements for P.S. licensure for non-BSCE majors.

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###### **Civil Engineering (CE)**

**CE 2202. Civil Engineering Presentations** An introduction to computer aided design, CAD, for civil engineers with applications in civil engineering drawings. Different types of civil engineering drawings will be developed and presented in the course. ~~Pre~~Corequisite, ~~C or better in~~ CE 2223. Spring.