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| For Academic Affairs and Research Use Only |
| Proposal Number | ECS01 |
| CIP Code:  |  |
| Degree Code: |  |

**Program Modification Form**

**[X] Undergraduate Curriculum Council**

**[ ] Graduate Council**

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| --- |
| **Modification Type: [ ]Admissions, [ ]Curricular Sequence, or [ ]Other**  |

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

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| Rajesh Sharma | 3/7/2022 |

**Department Curriculum Committee Chair** |

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**COPE Chair (if applicable)** |
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| Rajesh Sharma | 3/7/2022 |

**Department Chair**  |

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**Head of Unit (if applicable)**   |
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| Jason Stewart | 3/7/2022 |

**College Curriculum Committee Chair** |

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| \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | Enter date |

**Undergraduate Curriculum Council Chair** |
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**Director of Assessment** *(only for changes impacting assessment)* |

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**Graduate Curriculum Committee Chair** |
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| Abhijit Bhattacharyya | 3/7/2022 |

**College Dean** |

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| Alan Utter | 3/14/2022 |

**Vice Chancellor for Academic Affairs** |
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**General Education Committee Chair (if applicable)**   |  |

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

Rajesh Sharma, rsharma@astate.edu, 970-2270

1. **Proposed Change** (for undergraduate curricular changes please provide an 8-semester plan (appendix A), if applicable)

TECH 2703 Technical Graphics and AutoCAD is being replaced with TECH 3863 Industrial Safety

Technology Electives are being defined as TECH/RET courses

TECH, RET being replaced with PHYS, CHEM in Technical electives

1. **Effective Date**

Fall 2022

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

Associate of Science in Engineering Technology does not have any emphasis area attached to it. It is a general degree which caters to all areas and manufacturing and Technology. TECH 3403 Industrial Safety provides a skillset that is relevant across all industries whereas TECH 2703 Technical Graphics and AutoCAD is geared toward practitioners of design and drafting. Hence TECH 3403 is an appropriate replacement for TECH 2703. This will also allow all Engineering Technology undergraduate students to obtain *en route* AS degree, whereas currently it is limited to students only on CADD emphasis.

Other changes are to improve clarity regarding electives.

Technology electives and Technical electives are being defined to provide clarity to students.

**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. Please include a before (with changed areas highlighted) and after of all affected sections.** **\*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.**  |

Paste bulletin pages here...

**Before Changes**

**Major in Engineering Technology**

**Associate of Science**

**University Requirements:**

See University General Requirements for Associate degrees (p. 46)

**General Education Requirements:** **Sem. Hrs.**

See General Education Curriculum for Associate of Science Degrees (p. 84)

Students with this major must take the following:

MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite 35

**Major Requirements**: **Sem. Hrs.**

|  |  |
| --- | --- |
| TECH 2703, Technical Graphics and AutoCAD | 3 |
| TECH 2863, Principles of Technology | 3 |
| TECH 3773, Statistics OR STAT 3233, Applied Statistics I | 3 |
| Technology electives  | 9 |
| Sub-total  | 18 |

**Electives:** **Sem. Hrs.**

Technical Electives (TECH, RET, ISBA, ENGR, CS, MATH) 7

Total Required Hours: 60

*The bulletin can be accessed at* [*https://www.astate.edu/a/registrar/students/bulletins/*](https://www.astate.edu/a/registrar/students/bulletins/)

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**After Changes**

**Major in Engineering Technology**

**Associate of Science**

**University Requirements:**

See University General Requirements for Associate degrees (p. 46)

**General Education Requirements:** **Sem. Hrs.**

See General Education Curriculum for Associate of Science Degrees (p. 84)

Students with this major must take the following:

MATH 1023, College Algebra or MATH course that requires MATH 1023 as a prerequisite 35

**Major Requirements**: **Sem. Hrs.**

|  |  |
| --- | --- |
| TECH 2863, Principles of Technology | 3 |
| TECH 3773, Statistics OR STAT 3233, Applied Statistics I | 3 |
| TECH 3863, Industrial Safety | 3 |
| Engineering Technology electives (TECH, RET) | 9 |
| Sub-total  | 18 |

**Electives:** **Sem. Hrs.**

Technical Electives (PHYS, CHEM, ISBA, ENGR, CS, MATH) 7

Total Required Hours: 60

*The bulletin can be accessed at* [*https://www.astate.edu/a/registrar/students/bulletins/*](https://www.astate.edu/a/registrar/students/bulletins/)

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**Appendix A, 8-Semester Plan**

(**Referenced in #2** - **Undergraduate Proposals Only)**

*Instructions: Please identify new courses in italics*.

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| **Arkansas State University-Jonesboro****Degree: Associate of Science****Major: Engineering Technology****Year:2022** |
| Students requiring developmental course work based on low entrance exam scores (ACT, SAT, ASSET, COMPASS) may not be able to complete this program of study in eight (8) semesters. Developmental courses do not count toward total degree hours. **Students having completed college level courses prior to enrollment will be assisted by their advisor in making appropriate substitutions. In most cases, general education courses may be interchanged between semesters.**  |
| **Year 1** |  | **Year 1** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| **ENG 1003** | Composition I | **3** | X |  | **ENG 1013** | Composition II | **3** | X |
| **COMS 1203** | Oral Communication | **3** | X |  | **ECON 2313** | Principles of Macroeconomics | **3** | X |
| **MATH 1023** | College of Algebra | **3** | X |  | **HIST 2763/2773 or POSC 2103** | US History to **or** since 1876 **or**  Intro to United States Government | **3** | X |
| **ANTH 2233 or HIST 1013 or 1023 or GEOG 2613** | Intro to Cultural Anthropology **or** World History to 1500 **or** World History since 1500 **or** Intro to Geography | **3** | X |  | **ENG 2003 or ENG 2013 or PHIL 1103** | World Literature to 1660 **or** World Literature since 1660 **or** Intro to Philosophy | **3** | X |
| **ART 2503 or MUS 2503 or THEA 2503** | Fine Arts-Visual or Musical or Theatre | **3** | X |  | **ELECTIVE** | Technical elective 1 | **3** |  |
| **Total Hours** |  | **15** |  |  | **Total Hours** |  | **15** |  |
| **Year 2** |  | **Year 2** |
| **Fall Semester** |  | **Spring Semester** |
| **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |  | **Course No.** | **Course Name** | **Hrs** | **Gen Ed** |
| **PHY 2054** | General Physics I | **4** | X |  | **BIOL 1001** | Biological Science Laboratory | **1** | X |
| **TECH 3863** | Industrial Safety | **3** |  |  | **BIOL 1003** | Biological Science | **3** | X |
| **TECH 2863** | Principles of Technology  | **3** |   |  | **ELECTIVE** | Technical Elective 2 | **4** |  |
| **TECH 3773 or STAT 3232** | Statistics or Applied Statistics | **3** |   |  | **ELECTIVE** | Engineering Technology Elective 2 | **3** |  |
| **ELECTIVE** | Engineering Technology Elective 1 | **3** |  |  | **ELECTIVE**  | Engineering Technology Elective 3 | **3** |  |
| **Total Hours** |  | **16** |  |  | **Total Hours** |  | **14** |  |
|  |  |  |  |  |  |  |  |  |
| **Total Jr/Sr Hours \_6\_\_ Total Degree Hours 60** |
| **Graduation Requirements:**

|  |  |
| --- | --- |
| Completion of HIST 2763 or HIST 2773 or POSC 2103  |   |
| English Proficiency (Grade of C or better in ENG 1003 and ENG 1013) |   |
| 2.00 GPA at ASU |   |
| 2.00 GPA Overall |   |
| Maximum of 25% of the degree program via PLA, Military or similar means; CLEP (15 hrs max)  |
| 60 Total Credit Hours |   |
| 12 of last 18 hours must be ASU-Jonesboro courses |   |
| Complete half of the last 50% of semester hours through the A-State campus |   |

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