

## CURRICULUM CHANGE PROPOSAL

Prepare proposal in accordance with the guidelines below and the format shown on the following pages. Should any item under the headings not pertain to your proposal, write N/A.

**PROPOSAL NUMBER: 25-26-14**

**REVISION** (label Revision #1, #2, etc.): Click or tap here to enter text.

### SECTION 1: CONTACT INFORMATION

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### SECTION 2: PROGRAM INFORMATION

College:	College of Science & Technology
Department:	Engineering Technology
Title of Degree Program/Certificate:	Safety Engineering Technology
Degree Program Level:	Associate's Degree
Date Originally Submitted:	11/10/2025
Implementation Date Requested:	8/1/2026

### APPROVAL

The Deans of the affected colleges must sign below to indicate their notification and departmental approval of this proposal. Should this proposal affect any course or program in another college, a memo must be sent to the Dean of each college impacted and a copy of the memo(s) must be included with this proposal.

By signing below, you are indicating your college and department(s)'s approval of this proposal.

College	Dean's Signature
Science & Technology	<i>Deb Heuler</i>

## SECTION 3: Curriculum Change Request

### A. PROPOSAL ABSTRACT.

**Write a brief abstract, not exceeding 150 words, describing proposed changes.**

The proposed revision to the Associate of Science in Safety Engineering Technology program seeks to align the curriculum with the university's AS Core Curriculum Requirements and ensure consistency across degree pathways. This update integrates SFTY 1155: Safety Career Exploration, a one-credit course designed to introduce students to professional opportunities, industry expectations, and career development within the safety field. The addition of SFTY 1155, previously incorporated into the Bachelor of Science in Occupational Safety program during the 2024–2025 review cycle, strengthens program continuity, enhances student preparedness for advanced study, and supports institutional goals for career readiness and program cohesion.

### B. DESCRIPTION OF THE PROPOSAL

1. Full Program Name:	Safety Engineering Technology
2. Current number of credit hours required for the program:	60
3. Is the program changing the number of credit hours required for the program?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
4. How many credit hours will be added to the program?	
5. How many credit hours will be deleted from the program?	

6. Added Course(s) (If applicable): List the course(s) to be added to program (if applicable). Indicate whether the course is an existing course or will be a proposed new course.

SFTY 1155 - Existing

7. **Deleted Courses (if applicable):** List course(s) to be deleted from the program (if applicable). Indicate the term in which the course will no longer be available for students to take and the catalog in which students will not have the option to take the course.

8. **Teach-out Arrangement:** If a required course will be deleted from the program, how will you accommodate current students in the program to complete the required course?

- Courses will continue of be offered for students to complete program under previous catalog. (Typical)
- Students must transition to new catalog and meet all requirements. (Student advising required)
- Students in old catalog will take new or existing courses as outlined below. (Student advising required)

- Department will petition course changes for each student. (Not recommended)
- Change is only editorial and will not impact student progress.

**C. CHANGE IN PROGRAM DESCRIPTION (if applicable)**

<b>1. Current Program Description</b>
No Change in Description
<b>2. Proposed Program Description</b>

**D. RATIONALE**

<b>1. What is the rationale for this change?</b>
<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Annual assessment results</li> <li><input checked="" type="checkbox"/> Program review</li> <li><input type="checkbox"/> Program accreditation</li> <li><input type="checkbox"/> College or Department strategic plan</li> <li><input checked="" type="checkbox"/> To align with University policy or standard (New AS Core Curriculum)</li> <li><input checked="" type="checkbox"/> Other</li> </ul>
<b>2. Description of the Rationale.</b> Describe the evidence that supports changing the program's curriculum. For example, indicate the types of assessment data (e.g., surveys, interviews, capstone courses, projects, licensure exams, nationally-normed tests, locally developed measurements, accreditation reports, etc.) collected and analyzed to determine that curricular changes were warranted. Is it due to market trends? Does it reflect changes in the discipline? What are the expected results of the change?
<p>During program review and annual assessment of student outcomes, faculty identified consistent deficiencies in students' preparation for professional development activities such as résumé and cover letter writing, interviewing, and general career exploration within the safety field. Evidence supporting this finding included faculty evaluations of senior-level projects, feedback from internship supervisors, and results from student surveys and advising sessions. Students frequently demonstrated limited awareness of the broad range of career opportunities available within the occupational safety and health profession.</p> <p>To address these findings, the program proposes the addition of <b>SFTY 1155: Safety Career Exploration</b>, a one-credit course designed to provide early exposure to professional expectations, communication skills, and industry pathways. This change mirrors a successful curricular addition made</p>

to the Bachelor of Science in Occupational Safety program during the 2024–2025 review cycle. The expected outcomes include improved student readiness for internships and employment, stronger articulation between the AS and BS programs, and enhanced career awareness consistent with evolving market demands and industry expectations.

## E. RESOURCES

1. Will new faculty, be needed to support the program change? If no new faculty are required and the revision is adding classes or substituting courses, identify how current faculty will meet the demand.

No new faculty are required.

2. Will new facilities, equipment, space modification, and/or library materials/services be needed to support the program change? Provide an estimate of the increased cost, or reduction in cost of implementation (if applicable).

No new facilities are required.

## F. PROGRAM CHANGE SUMMARY

- A. **APPENDIX A:** For degree programs, majors, and concentrations (only), use the format in Appendix A to show the Current Program and Proposed Changes.
- B. For changes to minors and certificates, please attach a document showing the current program and proposed changes. You do not need to complete Appendix A for minors and certificates.

**APPENDIX A**  
**A.S. Degree in Electronics Engineering Technology**  
**Current Program**

[NOTE: For current program requirements, you can copy paste your program information from the [Digital Catalog](#) below. Program information can be found here <https://catalog.fairmontstate.edu/index.php?catoid=23> ]

**Required Courses (60 Credit Hours)**

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- [BIOL 1180 - Human Anatomy and Physiology \(lecture\)](#) Credit Hours: 3
- [BIOL 1181 - Human Anatomy and Physiology \(lab\)](#) Credit Hours: 1
- [CHEM 1101 - General Chemistry](#) Credit Hours: 4
- [CHEM 1102 - General Chemistry II](#) Credit Hours: 4
- 
- [COMM 2200 - Introduction to Human Communication](#) Credit Hours: 3
- OR
- [COMM 2201 - Introduction to Group Discussion](#) Credit Hours: 3
- OR
- [COMM 2202 - Introduction to Communication in the World of Work](#) Credit Hours: 3
- 
- [ENGL 1101 - Written English I](#) Credit Hours: 3-4 (3 Credits Required)
- [ENGL 1102 - Written English II](#) Credit Hours: 3
- [MATH 1510 - Applied Technical Mathematics I](#) Credit Hours: 3
- [MATH 1520 - Applied Technical Mathematics II](#) Credit Hours: 3
- [PHYS 1101 - Introduction to Physics I](#) Credit Hours: 4
- [SCIE 1100 - Human Biology](#) Credit Hours: 4
- [SFTY 1100 - Safety and Environmental Components of Industry](#) Credit Hours: 3
- [SFTY 1150 - Safety Management and Concepts in Accident Prevention](#) Credit Hours: 3
- [SFTY 2250 - Safety Law and Compliance](#) Credit Hours: 3
- [SFTY 2280 - Construction Safety & Law](#) Credit Hours: 3
- [SFTY 2290 - Industrial Hygiene and Toxicology](#) Credit Hours: 4
- [SFTY 2291 - Environmental Engineering Technology: Hazardous Waste](#) Credit Hours: 4
- [SFTY 3360 - Fire Prevention](#) Credit Hours: 3
- Technical Elective (2)

## A.S. Degree in Electronics Engineering Technology Proposed Program

### Degree Requirements

<b>Core Curriculum Courses</b>			
If a core curriculum course is also listed as a required major course, place an X in the 'credits' column.			
<b>Core Area</b>		<b>Course Prefix and Number</b>	<b>Credit Hours</b>
AS Outcome 1 Academic Foundations	First Year Seminar	SOAR 1100, HONR 1100, BSBA 1100, NURS 1025	1-3X
	Written Communication	ENGL 1101 AND ENG 1102 OR ENG 1103	6-7 X
	Oral Communication	COMM 2200, COMM 2201, or COMM 2202	3X
	Mathematics	MATH 1407, MATH 1507, MATH 1410, MATH 1510, MATH 1430, MATH 1530, MATH 1540, MATH 1585, MATH 2501, TECH 2290 (Application for Core Curriculum in process F25)	3-4X
AS Outcome 2 Disciplinary Connections	Humanities	ENGL 2220, ENGL 2221, ENGL 2240, FOLK 2200, HIST 2211, HIST 2212, HIST 2213, PHIL 2200, PHIL 2250, PHIL 2275	
	Fine Arts	ART 1120, ART 1141, MUSI 1106, MUSI 1120, MUSI 1167, MUSI 1168, MUSI 1169, MUSI 2247, MUSI 2277, MUSI 2279, THEA 1120	
	Natural Science	BIOL 1104, BIOL 1105, BIOL 1106, BIOL 1180 & 1181, CHEM 1101, CHEM 1105, GEOL 1101, GEOL 1102, PHYS 1101, PHYS 1105, SCIE 1100, SCIE 1103, SCIE 1105 SCIE 1107, SCIE 1115, SCIE 1120, SCIE 1130, SCIE 1210, SCIE 1250, SCIE 2200	8-9X
	Social Science	BSBA 2200, BSBA 2211, CRIM 1100, CRIM 2202, GEOG 2210, MANG 2205, POLI 2200, PSYC 1101, SOCY 1110, SOCY 2205, TECH 1100	
	Citizenship	HIST 1107, HIST 1108, POLI 1100, RECR 1141	
	Personal Development	<b>Global Awareness:</b> FREN 2202, SPAN 2202, LANG 1110, POLI 2210, POLI 2220 <b>Fitness &amp; Wellness:</b> CRIM 2212, CHEP 1100, CHEP 1110, HLTA 1100, HLTA 2203, NUTR 1110, PHED 1100 <b>Technology:</b> ART 2245, BISM 1200, CIVL 2210, EDUC 2201, MATH 1550, MANF 2250, MUSM 1100, TECH 1101	
AS Outcome 3 Professional Foundations	Designated by each program	SFTY 1100	3X

<b>Required Major Courses (60 Credit Hours)</b>		
<b>Course Prefix &amp; Number</b>	<b>Course Name</b>	<b>Credit Hours</b>
SCIE 1100	Human Biology	4
SFTY 1100	Safety and Environ. Components of Industry	3
SFTY 1150	Safety Mgt. and Concepts in Accident Prevention	3
<b>SFTY 1155</b>	<b>Career Foundations in Occupational Safety</b>	<b>1</b>
SFTY 2250	Safety Law and Compliance	3
SFTY 2291	Environmental Engineering Tech: Haz Waste	4
BIOL 1180	Human Anatomy and Physiology	3
BIOL 1181	Human Anatomy and Physiology Lab	1
SFTY 2290	Industrial Hygiene and Toxicology	4
SFTY 2280	Construction Safety and Law	3
SFTY 3360	Fire Prevention	3
First Year Seminar	SOAR 1100	1
Written Communication	ENGL 1101 AND 1102 OR 1103	6-7
Oral Communication	COMM 2200, COMM 2201, or COMM 2202	3
MATH 1430 OR MATH1530 AND Math 1540	College Algebra OR Algebra w/support AND Trigonometry (Core Curriculum Outcome 1)	6-7
OR		
MATH 1410 AND MATH 1520	Applied Technical Math I - Enhanced AND Applied Technical Math II (Core Curriculum Outcome 1)	7
<b>CHEM 1101 &amp; CHEM 1102</b>	<b>General Chemistry I and II</b>	<b>8</b>
<b>OR</b>		
<b>CHEM 1105 &amp; CHEM 2200</b>	<b>Chemical Principles &amp; Foundational Biochemistry</b>	<b>9</b>
PHYS 1101	Introduction to Physics I (Core Curriculum Outcome 2)	4
OR		
PHYS 1001	General Physics I (Core Curriculum Outcome 2)	4
OR		
PHYS 1115	Principles of Physics I (Core Curriculum Outcome 2)	4

<b>Major Elective Courses (XX Credit Hours) – IF APPLICABLE</b> [Electives are selected from a specific major or program]		
<b>Course Prefix &amp; Number</b>	<b>Course Name</b>	<b>Credit Hours</b>

<b>Concentration Courses (XX Credit Hours) – IF APPLICABLE</b> [A concentration is a focused curriculum within an approved major; adds a specialization within a major area of study. Undergraduate concentrations comprise 12-18 credits; Graduate concentrations comprise 6-15 credits. Concentrations associated with certification or licensure requirements may exceed the credit limit.]		
<b>Course Prefix &amp; Number</b>	<b>Course Name</b>	<b>Credit Hours</b>

<b>Total Core Curriculum Credit Hours</b>	<b>24</b>
<b>Total Required Major Courses Credit Hours</b>	<b>34</b>
<b>Total Required Concentration Credit Hours (if applicable)</b>	<b>NA</b>
<b>Total Elective Credit Hours (if applicable)</b>	<b>NA</b>
<b>Total Free Electives Credit Hours (if applicable)</b>	<b>2</b>
<b>TOTAL CREDIT HOURS</b>	<b>60</b>