

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: 25-26-16

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:	Mechanical 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

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 Mechanical Engineering Technology program is an administrative update intended to align the curriculum with the university's AS Core Curriculum Requirements. This change ensures consistent application of institutional standards across all Associate of Science programs and accurately reflects the existing coursework in mathematics and science required for degree completion. No substantive curricular modifications are being made to course content or program outcomes. Rather, this alignment provides clarity in program structure, supports transparency in advising and transfer articulation, and ensures continued compliance with institutional academic requirements.

B. DESCRIPTION OF THE PROPOSAL

1. Full Program Name:	Mechanical 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.

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)

1. Current Program Description
No Change in Description
2. Proposed Program Description

D. RATIONALE

1. What is the rationale for this change?
<ul style="list-style-type: none"> <input type="checkbox"/> Annual assessment results <input type="checkbox"/> Program review <input type="checkbox"/> Program accreditation <input type="checkbox"/> College or Department strategic plan <input checked="" type="checkbox"/> To align with University policy or standard (New AS Core Curriculum) <input checked="" type="checkbox"/> Other
2. Description of the Rationale. 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>The proposed modification to the Associate of Science in Mechanical Engineering Technology program is administrative in nature and intended solely to align the degree with the university’s AS Core Curriculum Requirements. During internal review of academic program structures, it was noted that while the program already met or exceeded the required credit hours and content areas in mathematics and science, the curriculum listing had not been formally updated to reflect the current AS Core framework.</p> <p>This alignment does not alter the program’s learning outcomes, required courses, or instructional content. Rather, it ensures consistent application of institutional standards across all Associate of Science programs and provides accurate documentation of existing math and science requirements within the curriculum. The change supports improved transparency for students, faculty advisors, and transfer partners by clarifying how general education and technical coursework integrate to meet degree requirements. No new courses or content revisions are proposed as part of this update.</p>

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 Mechanical 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>]

Major Courses (60 Credit Hours)

- [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
-
- [ELEC 1100 - Circuit Analysis I](#) Credit Hours: 3
- [ELEC 2250 - AC-DC Machinery and Controls](#) Credit Hours: 3
- [ENGL 1101 - Written English I](#) Credit Hours: 3-4 (3 Credits Required)
- [ENGL 1103 - Technical Report Writing](#) Credit Hours: 3
- [MANF 1100 - Materials and Processes](#) Credit Hours: 3
- [MATH 1510 - Applied Technical Mathematics I](#) Credit Hours: 3
- [MATH 1520 - Applied Technical Mathematics II](#) Credit Hours: 3
- [MECH 1100 - Statics](#) Credit Hours: 3
- [MECH 2200 - Strength of Materials](#) Credit Hours: 4
- [MECH 2210 - Thermodynamics I](#) Credit Hours: 3
- [MECH 2220 - Fluid Mechanics](#) Credit Hours: 3
- [MECH 2240 - Machine Design I](#) Credit Hours: 3
- [PHYS 1101 - Introduction to Physics I](#) Credit Hours: 4
- [PHYS 1102 - Introduction to Physics II](#) Credit Hours: 4
- [TECH 2290 - Engineering Analysis I](#) Credit Hours: 4
- [TECH 1108 - Engineering Graphics I](#) Credit Hours: 3
- [TECH 2208 - Engineering Graphics II](#) Credit Hours: 3
- Free Elective (2)

A.S. Degree in Mechanical Engineering Technology Proposed Program

Degree Requirements

Core Curriculum Courses			
If a core curriculum course is also listed as a required major course, place an X in the 'credits' column.			
Core Area		Course Prefix and Number	Credit Hours
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)	6-7X
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	4X
	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	Global Awareness: FREN 2202, SPAN 2202, LANG 1110, POLI 2210, POLI 2220 Fitness & Wellness: CRIM 2212, CHEP 1100, CHEP 1110, HLTA 1100, HLTA 2203, NUTR 1110, PHED 1100 Technology: 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	MECH 1100	3X

Required Major Courses (60 Credit Hours)		
Course Prefix & Number	Course Name	Credit Hours
ELEC 1100	Circuit Analysis I	3
ELEC 2250	AC/DC Machinery and Controls	3
MANF 1100	Materials and Processes	3
MECH 1100	Statics	3
MECH 2200	Strengths of Materials	4
MECH 2210	Thermodynamics I	3
MECH 2220	Fluid Mechanics	3
MECH 2240	Machine Design I	3
TECH 1108	Engineering Graphics I	3
TECH 2208	Engineering Graphics II	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
Choose from 1 of the following options		
MATH 1410 & 1520	Applied Technical Mathematics I & II	7
MATH 1430 & 1540	College Algebra with Support & Trigonometry	7
MATH 1530 & 1540	College Algebra & Trigonometry	6
Choose from 1 of the following options		
TECH 2290	Engineering Analysis I	4
MATH 2501	Calculus I	4
Choose from 1 of the following options		
PHYS 1001 & 1002	General Physics I & II	8
PHYS 1101 & 1102	Introduction to Physics I & II	8
PHYS 1115 & 1116	Principles of Physics I & II	8

