COLLEGE OF SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS

APPLIED TECHNOLOGY

online

Associate of Applied Science (AAS)

This is a guide based on the 2025-2026 Undergraduate Bulletin and is subject to change. The time it takes to earn a degree will vary based on several factors such as dual enrollment, remediation, and summer enrollment. Students will meet with an academic advisor each semester and use Degree Works to monitor their individual progress.

CURRICULUM CHECKLIST

58-63 hour program

___ EN100 English Composition I (3)
___ IM300 Technical Communications (3)
___ IM301 Industrial Safety Supervision (3)
___ IM311 Statistical Process Control (3)
___ MN220 Engineering Economic Analysis (3)
___ PS103 U.S. Political Systems (3)

Choose 3 hours:

___ SC105 Fundamentals of Oral Communications (3)
___ SC107 Online Oral Presentations (3)

Choose 3-5 hours:

___ MA115 Precalculus A with Integrated Review (5)
___ MA116 Precalculus A (3)

Choose 3 hours:

___ CM260 Computer Methods of Const Managers (3)
___ CS101 Computer Science (3)
___ MN260 Technical Computer Programming (3)

Physical Science- Choose 8-10 hours of the following: **

___ CH180 Chemistry in our World (3)
___ CH181 Basic Principles of Chemistry (3)
___ PH106 Physical Concepts (3)
___ PH120 Introductory Physics I 5)
___ PH121 Introductory Physics II (5)
___ PH230 General Physics I (5)
___ PH231 General Physics II (5)

** Many programs require the 5-hour lab classes. Please work with an advisor to determine which are appropriate for you.

Technical Elective Courses Approved by the Advisor and Department – a minimum of 25 hours

___ CM226 Residential Architectural Drafting & Design (3)
___ CM310 Construction Building Codes (3)
___ CM322 Commercial Architectural Drafting and Design (3)
___ IM313 Facilities Planning (3)
___ IM317 Cooperative Industrial Internship (3)
___ IM309 Science, Technology, and Society (3)
___ IM411 Total Quality Assurance (3)
___ IM417 Manufacturing Resource Analysis (3)
___ IM419 Industrial Supervision (3)
___ MA117 Precalculus B (3)
___ MA140 Analytic Geometry & Calculus I (5)
___ TN255 Microcomputer Maintenance & Troubleshooting (3)
___ TN275 Introduction to Networks (3)
___ TN295 Firewall Management (3)
___ TN395 Server Maintenance & Troubleshooting (3)

SAMPLE TWO-YEAR PLAN

	Fall Semester		Spring Semester	
	Course #	*Hrs*	*Course #*	*Hrs*
FIRST YEAR	EN100	3	CM260/CS101/MN260	3
	MA115/116	3-5	IM301	3
	Physical Science Lab	5	Physical Science	3-5
	Track Course 1	3	Track Course 2	3
			Track Course 3	3
	Total	**14-16**	**Total**	**15-17**
SECOND YEAR	IM311	3	IM300	3
	MN220	3	PS103	3
	Track Course 4	3	SC105/SC107	3
	Track Course 5	3	Track Course 7	3
	Track Course 6	3	Track Course 8	3
	Total	**15**	**Total**	**15**

*Many major courses are on a set rotation and dependent on when prerequisites are completed. The actual semester a course is taken may vary based on the rotation.

Degree requirements for all students: a minimum of 60 credit hours. Refer to the Undergraduate Bulletin or Degree Works for additional graduation requirements (i.e., minimum GPA and course work) for your program of study.

FASTTRACK WORKFORCE INCENTIVE GRANT

Revised 3/31/2025

2025-2026 degree map