

Associate of Applied Science (AAS)

This is a guide based on the 2024-2025 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 (5)
- 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 FOUR-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.



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2024-2025 degree map

