Full-time with summer course schedule

This is suggested course sequencing. Please see a counselor or advisor for individual adjustments.

Year 1

	GNST 100	*3 Cr.*
❑ **Electrical Circuit Analysis***	ATMN 110	*3 Cr.*
❑ **Freshman English I**	ENGL 100	*3 Cr.*
❑ **Industrial Applied Algebra**	INDS 122	*2 Cr.*
❑ **Communication Requirement**		*3 Cr.*

Spring Semester

❑ **Industrial Motors and Controls**	ATMN 140	*4 Cr.*
❑ **Industrial Control Systems-Allen Bradley**	ATMN 160	*4 Cr.*
❑ **Industrial Applied Geometry**	INDS 124	*2 Cr.*
❑ **Choose 1**		
Pneumatics	INDS 106	*3 Cr.*
H draulics	INDS 107	*3 Cr.*

Summer Session

❑ **Lab Science Requirement**		*4 Cr.*
❑ **Choose 1**		
American Political S stem	POLI 240	*3 Cr.*
United States Histor to 1865	HIST 250	*3 Cr.*
(for HIST 251, s ap ith communications requirement)		

Year 2

Fall Semester

❑ **Industrial Networking**		
Introductor Statistics	MATH 190	*4 Cr.*

Spring Semester

❑ **Industrial Automation II**	ATMN 275	*3 Cr.*
❑ **Automation Maintenance**	ATMN 280	*3 Cr.*
❑ **Industrial Automation Integration**	ATMN 285	*3 Cr.*
❑ **Humanities Requirement**		*3-4 Cr.*
❑ **Industrial Applied Right Angle and Oblique Trigonometry**	INDS 127	*2 Cr.*

Total Minimum Credits: 60

*ATMN 110 requires kno ledge of algebra and manipulation of variables. INDS 122 is a pre-requisite but ma be allo ed to enroll along ith ATMN 110 depending on mathematics background. PLease contact Student Success Center ith questions.

Academic Advising: You should meet ith an academic counselor prior to registering feppGS1 1ti..9 1 1bh21 ange

Ind ial A oma ion Main enance, A.A.S.

Description: This program is for students interested in robotics and their use in industrial settings. Students ill learn concepts of electricit , programmable logic controllers, motors, h draulics, robotics, and the integration of robotic s stems.

Completion Time: 4.5 Years

*ATMN 110 requires kno ledge of algebra and manipulation of variables. INDS 122 is a pre-requisite

Ind ial A oma ion Main enance, A.A.S.

24-25 catalog

Full-time spring start course schedule

Description: This program is for students interested in robotics and their use in industrial settings. Students ill learn concepts of electricit , programmable logic controllers, motors, h draulics, robotics, and the integration of robotic s stems.

Completion Time: 2 Years

This is suggested course sequencing. Please see a counselor or advisor for individual adjustments.

Year 1

Spring Semester

❑	**Success Skills for the 21st Century**	GNST 100	*3 Cr.*
❑	**Freshman English I**	ENGL 100	*3 Cr.*
❑	**Choose 1**		
	Math for Ever da Life	MATH 101	*4 Cr.*
	Introductor Statistics	MATH 190	*4 Cr.*
❑	**Choose 1**		
	American Political S stem	POLI 240	*3 Cr.*
	United States Histor to 1865	HIST 250	*3 Cr.*
	(for HIST 251, s ap ith communications requirement)		

Fall Semester

❑	**Electrical Circuit Analysis***	ATMN 110	*3 Cr.*
❑	**Industrial Applied Algebra**	INDS 122	*2 Cr.*
❑	**Communication Requirement**		*3 Cr.*
❑	**Lab Science Requirement**		*4 Cr.*

*ATMN 110 requires kno ledge of algebra and manipulation of variables. INDS 122 is a pre-requisite but ma be allo ed to enroll along ith ATMN 110 depending on mathematics background. PLease contact Student Success Center ith questions.

Year 2

Spring Semester

❑	**Industrial Motors and Controls**	ATMN 140	*4 Cr.*
❑	**Industrial Control Systems-Allen Bradley**	ATMN 160	*4 Cr.*
❑	**Industrial Applied Geometry**	INDS 124	*2 Cr.*
❑	**Choose 1**		
	Pneumatics	INDS 106	*3 Cr.*
	H draulics	INDS 107	*3 Cr.*

Fall Semester

❑	**Industrial Networking**	ATMN 175	*2 Cr.*
❑	**Advanced PLC**	ATMN 260	*3 Cr.*
❑	**Industrial Automation I**	ATMN 270	*3 Cr.*
❑	**Humanities Requirement**		*3-4 Cr.*

Year 3

Spring Session

❑	**Industrial Automation II**	ATMN 275	*3 Cr.*
❑	**Automation Maintenance**	ATMN 280	*3 Cr.*
❑	**Industrial Automation Integration**	ATMN 285	*3 Cr.*
❑	**Industrial Applied Right Angle and Oblique Trigonometry**	INDS 127	*2 Cr.*

Total Minimum Credits: 60

Academic Advising: You should meet ith an academic counselor prior to registering for classes.

Note: Prerequisite courses ma appl to this program. A minimum of 60 unduplicated credits (100 level or higher) are required for all associate degree programs.