



Martin Community College



High School-To-College INDUSTRIAL SYSTEMS TECHNOLOGY Pathway

The Industrial Systems Technology curriculum is designed to prepare or upgrade individuals to service, maintain, repair, or install equipment for a wide range of industries.

Student Learning Outcomes:

- Utilize tools and equipment to service and maintain mechanical systems, plumbing systems, hydraulic and pneumatic systems, and electrical and electronic systems
- Create, interpret, and modify industrial blueprints and schematics
- Perform preventive maintenance and troubleshoot a variety of industrial systems
- Perform various welding and cutting processes used in current industry

PATHWAY: HS Diploma + Industrial Systems Technology Diploma (D50240P)									
	Grade		English/ Lang. Arts	Math	Science	Social Studies	Health & PE	CTE Electives	Career & College Promise College Credit Courses taught by MCC Faculty
SECONDARY	9	Fall	English I	Fnd. of Math I	Earth/Env. Sci.	-----	Health/PE	-----	-----
		Spring	-----	Math I	-----	World History	-----	-----	-----
	10	Fall	-----	Math II	Phy. Science	-----	-----	-----	WLD 110, WLD 112, ISC 112
		Spring	English II	-----	-----	Civics	-----	-----	ACA 115, PSY 118
	11	Fall	English III	Math III	Found of Bio.	American Hist	-----	-----	*MNT 110
		Spring	-----	-----	Biology	-----	-----	-----	BPR 111, WLD 141
	12	Fall	English IV	-----	-----	Econ. & Personal Finance	-----	-----	*MEC 111, *ELC 112, *HYD 110
		Spring	-----	Math IV	-----	-----	-----	-----	*ELC 117, *MEC 110
		Summer	ENG 110						
	Congratulations! High School Graduation! Next Step: Submit MCC Admission Application								
POST	13	Fall	<i>AHR 111, **CIS 110, **Humanities/Fine Arts Elective, WLD 121</i>						
		Spring	<i>ELC 128, ENG 115, MAT 110, WLD 115</i>						
Completion of courses in black/bold earn an Industrial Systems Technology Diploma (D50240).									
Completion of courses in <i>red/italics</i> earn an Industrial Systems Technology A.A.S. Degree (A50240).									
Congratulations! College completion of an Industrial Systems Technology A.A.S. Degree (A50240).									

*Only offered at MCC Williamston Campus. **College transfer courses that may be applied to a University Baccalaureate Degree Transfer Program.