

COMPLETION GUIDES

SMART MANUFACTURING & DIGITAL INTEGRATION

CERTIFICATE (CT)	TECHNICAL CERTIFICATE (TC)	ASSOCIATE OF APPLIED SCIENCE (AAS)
1st 8 WEEKS		
	SMDI 110 - Introduction to Industrial Internet of Things	
	ADMF 116 - Industrial Robotics I	
2nd 8 WEEKS		
	SMDI 111 - Technology in Smart Manufacturing	
	ADMF 206 - Industrial Robotics II	
3rd 8 WEEKS		
	INDT 205 - Programmable Automation Controls I	
	SMDI 130 - Electrical Systems for Smart Manufacturing	
SMDI CT Earned		
4th 8 WEEKS		
	MATH 137 - Trigonometry with Analytic Geometry	
	IVY 1XX - Ivy Tech Elective	
5th 8 WEEKS		
	SMDI 140 - Mechanical Systems in Manufacturing	
	SMDI 150 - Fluid Power in Manufacturing	
	SMDI TC Earned	
6th 8 WEEKS		
		COMM 104 - Workplace Communication
		INDT 206 - Programmable Automation Controls II
7th 8 WEEKS		
		ENGL 111 - English Composition
		ADMF 205 - Sensors in Manufacturing
8th 8 WEEKS		
		NETI 104 - Introduction to Networking
		DBMS 160 - Data Visualization and Analysis
9th 8 WEEKS		
		SMDI 120 - 3D CAD/CAM
		HUM/SS Elective
10th 8 WEEKS		
		INDT 227 - Problem Solving in the Workplace
		PHYS 101 - Physics I
11th 8 WEEKS		
		ADMF 226 - Industrial Robotics III
		SMDI Elective
12th 8 WEEKS		
		SMDI 271 - Projects for SMDI
		SMDI 279 - SMDI Capstone
		SMDI AAS Earned