Stark State COLLEGE MAP MY ACADEMIC PLAN	**CAREER ENHANCEMENT CERTIFICATE** **INDUSTRIAL TECHNOLOGY – AUTOMATION AND ROBOTICS SPECIALIST** *The catalog in force is assigned to students based on the academic year they first applied to the college, and changes only when students change their major or request the change in writing. Refer to Policy No. 3357:15-13-28.*	**2024-25 Catalog** Effective Summer 2024 **4554**

Business, Engineering, and Information Technologies Division *Industrial Technology Department*

Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
SSC101	Student Success Seminar^^	1	*Take first semester*	
MTH135	Precalculus^ – *A student may take MTH125 (College Algebra) and MTH130 (Trigonometry) over two semesters to satisfy this requirement.*	5	MTH025 **or** Proficiency	
EET120	DC Circuit Analysis	4	Pre-Co-MTH135 **or** Pre-Co-MTH125	
AIT139	Introduction to Robotics	2		
AIT220	Industrial Robotics*	4		
	TOTAL CREDIT HOURS	**16**		

STUDENT ADVISING NOTES

Academic Advising

Students should make an appointment to see their advisor before registering for classes each semester. They should have prepared a completed registration form, including courses they wish to take, prior to this meeting.

First Semester		Credit Hours	Pre- and Co-requisites
SSC101	Student Success Seminar^^	1	*Take first semester*
MTH135	Precalculus^ – *A student may take MTH125 (College Algebra) and MTH130 (Trigonometry) over two semesters to satisfy this requirement.*	5	MTH025 **or** Proficiency
EET120	DC Circuit Analysis	4	Pre-Co-MTH135 **or** Pre-Co-MTH125
AIT139	Introduction to Robotics	2	
		12	
Second Semester			
AIT220	Industrial Robotics*	4	
		4	
	TOTAL CREDITS	**16**	

^Based on SSC placement scores.
^^To promote student success, this course should be taken in the first semester
*FANUC Automation and Robotics certification will be awarded after successfully completing AIT220.

The classes in this certificate also apply toward the completion of an Automation and Robotics Technology One-Year Certificate (4555), an Automation and Robotics Technology Degree (4556) and an Electronic/Electronic Engineering Technology Degree (4100).