

 	CAREER ENHANCEMENT CERTIFICATE INDUSTRIAL TECHNOLOGY – AUTOMATION AND ROBOTICS SPECIALIST	2023-24 Catalog Effective Summer 2023
	<i>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.</i>	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	<i>Take first semester</i>	
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.

<u>First Semester</u>		<u>Credit Hours</u>	<u>Pre- and Co-requisites</u>
SSC101	Student Success Seminar^^	1	<i>Take first semester</i>
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	<u>2</u>	
		12	
<u>Second Semester</u>			
AIT220	Industrial Robotics*	<u>4</u> 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.