



## CAREER ENHANCEMENT CERTIFICATE

# INDUSTRIAL TECHNOLOGY – BASIC ROBOTICS

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

2021 Catalog

Effective Summer 2020

# 4553

Engineering Technologies Division

Industrial Technology Department

Course Number	Course Title	Credits	Pre- and Co-Requisites	Completed Sem./Year
AIT139	Introduction to Robotics	2		
EST230	Electrical Circuits and Devices <sup>^</sup>	4	(MTH025 or Proficiency) or MTH107	
MST221	Mechanical Drive Components	3		
CSE122	Programming Logic and Problem Solving <sup>^</sup>	3	(IDS102 or Proficiency) and (ITD100 or Proficiency)	
	<b>TOTAL CREDIT HOURS</b>	<b>12</b>		

### 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

CSE122	Programming Logic and Problem Solving <sup>^</sup>	3	(IDS102 or Proficiency) and (ITD100 or Proficiency)
EST230	Electrical Circuits and Devices <sup>^</sup>	4	(MTH025 or Proficiency) or MTH107
AIT139	Introduction to Robotics	2	
MST221	Mechanical Drive Components	<u>3</u>	
	<b>TOTAL CREDITS</b>	<b>12</b>	

<sup>^</sup>Based on SSC placement scores