

TECHNOLOGY STUDIES: ROBOTICS AND MECHATRONICS TECHNICIAN, AS

Program code: RMTH-AS-COT

Location: Asnuntuck

Degree Requirements

Code	Title	Credits
Technology Studies General Education Core		
ENG 1010	Composition	3
MATH 1610	Precalculus	4
ART Elective (course vetted for ARHX)		3
CHEM 1110	Concepts of Chemistry	4
or CHEM 1210	General Chemistry I	
Elective HISX - Historical Knowledge Course or Elective SBSX course in ECON		3
ENG 1080	Composition II: Technical Writing	3
or COMM 1301	Public Speaking	
CCS 1001	College and Career Success	3
Technology Studies Program Core		
PHYS 1201	General Physics I	4
or PHYS 2201	Calculus-Based Physics I	
Elective BHEL - Behavioral Science Elective - choose an ANTH, PSY or SOC course		3
MATH 1200	Statistics I	3-4
or MATH 1201	Statistics I with Computer Applications	
Robotics and Mechatronics Tech Courses		
MFG 1330	Mathematics for Electricity and Electronics	3
MFG 1220	Digital Concepts	3
MFG 1250	Robotic Automation	3
MFG 1210	Circuit Design and Diagnostics	4
MFG 1240	Motor Controls for Automation	3
MFG 1245	Programmable Logic Controllers Applications	3
MFG 1230	Industrial Fluid Power	3
MFG 1235	Industrial Maintenance, Service and Repair	3
MFG 1225	Digital Controls	3
MFG 1200	Automation Fundamentals	3
MFG 1415	Safety in the Workplace	1
Total Credits		65-66