

TECHNOLOGY STUDIES: MECHATRONICS AUTOMATION TECHNICIAN CERTIFICATE

Program code: MATC-CC-COT

Location: Quinebaug Valley

Certificate Requirements

Code	Title	Credits
Required Courses		
MFG 1330	Mathematics for Electricity and Electronics	3
MFG 1337 or MFG 1362	Circuit Theory CNC Maintenance and Repair	3
MFG 1338	Digital Fundamentals	3
MFG 1340	Robotics	3
MFG 1342	Electronic Circuits and Devices	3
MFG 1343	Industrial Motor Controls	3
MFG 1344	Hydraulics and Pneumatics	3
MFG 1345	Electronic Variable Speed Drive	3
MFG 1346	Programmable Logic Controllers	3
MFG 1359	Industrial Maintenance	3
MFG 1415	Safety in the Workplace	1
MFG 1479	Career Awareness for Manufacturing	1
Total Credits		32