

# TECHNOLOGY STUDIES: WELDING AND FABRICATION TECHNOLOGIES, AS

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Program code: WFBT-AS-COT

Location: Asnuntuck

## Degree Requirements

Code	Title	Credits
<b>Technology Studies General Education Core</b>		
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
<b>Technology Studies Program Core</b>		
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	
<b>Welding &amp; Fabrication Courses</b>		
MFG 1020	Introduction to Welding	4
MFG 1050	Welding Theory I	3
MFG 1028	Blueprint Reading for Welders	3
MFG 1000	Math for Welders	3
MFG 1049	Introduction to Metal Fabrication	3
MFG 1415	Safety in the Workplace	1
MFG 2081	Advanced Welding	3
MFG 2050	Welding Theory II	3
MFG 2073	Welding Codes, Testing, and Certification	3
MFG 2080	Advanced Fabrication	3
MFG 2070	Welding Automation and Processes	3
MFG 2067	Metallurgy	3
<b>Total Credits</b>		<b>68-69</b>