

TECHNOLOGY STUDIES: MANUFACTURING ENGINEERING TECHNOLOGY, AS

Program code: MENT-AS-COT

Location: Gateway, Manchester, Middlesex, Naugatuck Valley, Three Rivers

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 or CHEM 1210	Concepts of Chemistry General Chemistry I	4
Elective HISX - Historical Knowledge Course or Elective SBSX course in ECON		3
ENG 1080 or COMM 1301	Composition II: Technical Writing Public Speaking	3
CCS 1001	College and Career Success	3
Technology Studies Program Core		
PHYS 1201 or PHYS 2201	General Physics I Calculus-Based Physics I	4
Elective BHEL - Behavioral Science Elective - choose an ANTH, PSY or SOC course		3
MATH 1200 or MATH 1201	Statistics I Statistics I with Computer Applications	3-4
Manufacturing Engineering Tech Courses		
EGR 1120	Engineering Drawing Specs	3
MFG 1477 or MFG 1467	Machine Technology Fundamentals Conventional Process Machining Lab	4
PHYS 1202 or PHYS 2202	General Physics II Calculus-Based Physics II	4
MFG 2439	Geometric Dimension and Tolerancing (G, D, and T)	3
CAD 2200	Parametric Design (SolidWorks)	3
MATH 2600	Calculus I	4
MFG 1411	Manufacturing Materials and Processes I	3
MFG 2444	CNC I	3
MFG 2405	Principles of CNC w/Mastercam	3
Total Credits		63-64