

TECHNOLOGY STUDIES: PRECISION MANUFACTURING, AS

Program code: PRMN-AS-COT

Location: Manchester

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	
Precision Manufacturing Courses		
MFG 1405	Manufacturing Math	3
MFG 1411	Manufacturing Materials and Processes I	3
MFG 1414	Quality and Lean Principles	3
MFG 1415	Safety in the Workplace	1
MFG 1420	Metrology	3
MFG 1467	Conventional Process Machining Lab	4
MFG 2405	Principles of CNC w/Mastercam	3
MFG 2439	Geometric Dimension and Tolerancing (G, D, and T)	3
MFG 2444	CNC I	3
MFG 2445	CNC II	4
CAD 2200	Parametric Design (SolidWorks)	3
EGR 1120	Engineering Drawing Specs	3
or MFG 1424	Blueprint Reading 1	
Total Credits		69-70