

# TECHNOLOGY STUDIES: INDUSTRIAL TECHNOLOGY, AS

Program code: INTC-AS-COT

Location: Manchester

## 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>Industrial Technology Courses</b>		
CAD Elective		3
EGR 1110	Introduction to Engineering	3
Choose one of the following:		3-4
ENV 1800	Sustainable Energy and the Environment	
Any MFG course		
Specialization Electives - Choose with guidance of advisor		18
Choose one of the following:		3-4
CSC 1201	Introduction to Programming	
CSC 1203	Python Fundamentals	
CSC 2214	C++ Programming	
CSC 1211	Java I	
CSC 2212	Java II	
EGR 1115	Programming for Engineers	
EGR 2201	MATLAB for Engineers	
EGR 2230	C++ for Engineering	
<b>Total Credits</b>		<b>63-66</b>