



mTECH
INDUSTRIAL MAINTENANCE
MACHINIST/MECHANIC
ASSOCIATE IN SCIENCE DEGREE
SAMPLE SEQUENCE MAP

This form is designed to be used in partnership with academic counselors. Modifications may be necessary to meet your goals. Seek assistance from an academic counselor each semester to stay on track to completion of major/certificate. There are 3 General Education patterns available. Not all courses on the map are offered every term. Consult the Catalog and the Schedule of Classes for more details

0 – 15 UNITS		Pre- or co-reqs	Credit	GE
Semester 1	Area IA: English Composition: <i>ENGL 122 – First-Year College Composition and Reading</i>	Placement	3	IA
	Area IC: Mathematics Comprehension	Placement	3-5	IC
	Area IV: Social and Behavioral Sciences:		3	IV
	CONST 110 – Occupational Safety		2	
	ENGTC 119 Introduction to technical Drawing		3	
Total			15	

16 – 30 UNITS		Pre- or co-reqs	Credit	GE
Semester 2	Area IB: Communications and Analytical Thinking		3	IB
	ELECT 110 – Survey of Electricity		2	
	ENGTC 165 – Machining and Manufacturing I		3	
	Major Applicable Elective: 0-5 Units from major section in catalog	See catalog	0-5	
	Degree Applicable Elective	See counselor	3	
Total			15	

31 – 45 UNITS		Pre- or co-reqs	Credit	GE
Semester 3	Area III : Arts and Humanities :		3	III
	ENGTC 166 – Machining and Manufacturing II		3	
	ENGTC 175 - Hydraulic and Pneumatic Systems and Components		3	
	Degree Applicable Elective	See counselor	6	
	Total			15

46 – 60 UNITS		Pre- or co-reqs	Credit	GE
Semester 4	ENGTC 176 – Mechanical Systems and Components		3	
	Area II: Natural Sciences:		3-5	II
	Degree Applicable Elective	See counselor	7	
	Total			15

Program total: 60