

Example Degree Map - AAS: Manufacturing & Industrial Technology

TBCC guarantees, at a minimum, the following courses each quarter for the completion of the Associate of Applied Science - Manufacturing & Industrial Technology. A student can transfer in or take other courses that meet the requirements.

Year 1

	FALL TERM	WINTER TERM	SPRING TERM
*	IMT 102, 4 CR Industrial Safety	IMT 230, 3 CR, Preventative Maintenance	WR 121, 4 CR, English Composition I
*	MTH 105, 4 CR, Applied Math	ESR 171, 4 CR, Environmental Science	IMT 106, 1 CR, Hand Tool Safety
	IMT 100, 1 CR Introduction to Trades	ELT 125, 2 CR, Basic Programmable Controllers	ELT 126, 2 CR, Intermediate Programmable Controllers
	IMT 118, 3 CR Bearings & Lubricants	IMT 105, 3 CR Industrial Hydraulics I	COMM 111, 4 CR Public Speaking
	CG 100, 3 CR College Survival & Success	IMT 103, 4 CR Industrial Math	MCH 135, 3CR Measurement and Layout
			Elective** IMT 200, 3 CR
	15 CREDIT TOTAL	16 CREDIT TOTAL	14-17 CREDIT TOTAL

Year 2

	FALL TERM	WINTER TERM	SPRING TERM
*	MCH 102, 3 CR, Intro to Manufacturing	IMT 222, 3 CR, Lean Manufacturing & Process	IMT 220, 3 CR, Proportional Hydraulics
*	IMT 204, 2 CR, Intro to Pneumatics	IMT 104, 3 CR, Rigging	DRF 270, 3 CR, 3-D Modeling
	MCH 121, 3 CR, Machining I	MCH 220, 3 CR, Machining II	IMT 211, 3 CR, Structural Maintenance and Construction
	PSY 101, 4 CR, General Psychology	WLD 102, 4 CR, Blueprint Reading	IMT 280, 3 CR, Cooperative Work Experience
	Elective**, ELT 110, 2 CR, WLD XXX, 3 CR, ELT 225, 2 CR	Elective**, HE 112, 1 CR, WLD XXX, 3 CR, ELT 111, 2 CR	Elective**, GT 106, 3 CR, WLD XXX, 3 CR
	16-17 CREDIT TOTAL	14-17 CREDIT TOTAL	15 CREDIT TOTAL

**11 Credits of Electives Required

Total 90-97

* Yellow highlights indicate suggested course sequence for part-time students.