

# Associate of Applied Science: Agricultural Technology

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

		FALL TERM	WINTER TERM	SPRING TERM
		Year 1 or 2 (rotates)	CG 100 College Survival & Success (3 CR)	IMT 229 Tech. Preventative Maintenance (3 CR)
IMT 100 Introduction to Trades (3 CR)	WLD 129 Blueprint Reading (4 CR)		PSY 101 Human Relations (4 CR) -OR- BA 285 Human Relations in Organ. (3 CR)	
AG 221 Metals and Welding (3 CR) -OR- WLD 111 SMAW I (3 CR)	CAS 170 Beginning Excel (3 CR)		IMT 211 Structural Maintenance (3 CR)	
IMT 105 Industrial Safety (4 CR)	DRF 270 3-D Modeling (3 CR)		COMM 111Z Public Speaking (4 CR)	
MTH 105Z Math in Society (4 CR)			GT 106 Green Production Practices (3 CR)	
<i>17 CREDIT TOTAL</i>	<i>13 CREDIT TOTAL</i>		<i>17-18 CREDIT TOTAL</i>	
Year 1 or 2 (rotates)	<b>FALL TERM</b>		<b>WINTER TERM</b>	<b>SPRING TERM</b>
	MCH 134 Machining I (3 CR) -OR- MCH 102 Intro to Manufacturing (3 CR)	IMT 222 Lean Manufacturing & Process (3 CR) -OR- MCH 234 Machining II (3 CR)	IMT 118 Bearings, Seals & Lubrications (3 CR)	
	ANS 121 Intro to Animal Science (4 CR) -OR- HORT 111 Intro to Horticulture (3 CR)	ANS 215 Beef/Dairy Industries (3 CR) -OR- GEO 265 Introduction to GIS (3 CR)	ANS 231 Dairy Cattle Evaluation (3 CR) -OR- FAS 107 UAS Ground School (2 CR)	
	IMT 205 Intro to Pneumatics (3 CR)	ANS 122 Large Animal... Quality & Nutrition (3 CR)	ELT 201 Electric Motor Controls (2 CR)	
	ELT 127 Basic Programmable Controllers (2 CR)	ELT 128 Intermediate Programmable Controllers (2 CR)	ELT 227 Advanced Programmable Controllers (2 CR)	
	ELT 110 Electricity for Non-Electricians I (2 CR)	ELT 111 Electricity for Non-Electricians II (2 CR)	IMT 280 Cooperative Work Experience (3 CR)	
	IMT 109 Industrial Hydraulics I (3 CR)	IMT 200 Pumps and Valves (3 CR)	IMT 210 Proportional Hydraulics (3 CR)	
	<i>16-17 CREDIT TOTAL</i>	<i>16 CREDIT TOTAL</i>	<i>15-16 CREDIT TOTAL</i>	

TOTAL: 91-94

**Part Time Students:**

<b>YEAR 1</b>	<b>YEAR 2</b>	<b>YEAR 3</b>	<b>YEAR 4</b>
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