



Applied Technology 2025 – 2026 Associate of Applied Science Degree/Certificate Plan

A minimum 2.0 cumulative GPA is required for the degree. The residency requirement specifies that a minimum of 15 credit hours must be completed at Jefferson College. Courses with similar content may not both apply towards graduation. The computer literacy requirement must be completed with a grade of “C” or better. See a list of course options for each general education and institutional degree requirement below the degree plan. For a list of MOTR approved general education courses, visit the [MOTR webpage](#). This plan is not a substitute for meeting with an [Advising Specialist](#).

	Course Titles and General Education/Institutional Requirements	Course Number	Completed/ In Progress	Future	Certificate	Degree
Core Electives – 20 credits from one area	AUT – Automotive Technology					
	BET – Biomedical Electronics Technology					
	BIT – Business Information Technology					
	BUS, MGT – Business Management					
	CIS – Computer Information Systems					
	ECE – Childcare/Early Childhood Education					
	EMT – Emergency Medical Technology				X	X
	ETC, ETI – Electronics Technology					
	FST – Fire Science Technology					
	HRA – Heating, Refrigeration, and AC Technology					
	PMT – Precision Machining Technology					
	VAT – Veterinary Technology					
WLD – Welding Technology						
General Education and Institutional Requirements	Communications (3)	ENG101(H)				X
	Communications OR Humanities (3)					X
	Social and Behavioral Sciences (3)					X
	Civics (3)					X
	MO Civics Exam	PSC001				X
	Mathematical Science AND/OR Natural Science (6)					X
						X
	Computer Literacy (3)	CIS125^			X	X
First Year Experience (1)				X	X	
Technical Electives – 21 credits	Principles of Management (3)	BUS120^			X	X
	Select 18 credits from any combination of areas below: AUT, BET, BIT, BUS, CDA, CDD, CDM, CIS, CVL, ECE, EMT, ETC, ETI, FST, HRA, MGT, MTT, PMT, VAT, WLD				X	X
Total Credits					45	63

General Education/Institutional Requirements	Credits Required	Course Options
Communications	3	ENG101(H)
Communications OR Humanities	3	See MOTR webpage for a list of choices (cannot use Performance/Production of Creative Arts courses)
Social and Behavioral Sciences	3	See MOTR webpage for a list of choices
Civics	3	HST103(H), HST104(H), PSC102(H)
Mathematical Science AND/OR Natural Science	6	MGT103^, MTH105^, MTH110^, MTH128^; See MOTR webpage for a list of choices
Computer Literacy	3	CIS125^
First Year Experience	1	COL100^, COL101^, COL136^

^These courses listed in the General Education and Institutional Requirements are not part of the MOTR CORE42 general education program, and are not a guaranteed transfer to other institutions.