



# PATHWAYS



**YOUR MAP TO  
COMPLETION for  
2026-2027**

## Facility Maintenance Technology

Associate in Applied Science / Short-Term Certificate

Full Time	Course Prefix	Course Title	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp Su	IV
	ENG 101	English Composition I	3	Fa Sp Su	I
	CIS 149 *	Digital Literacy	3	Fa Sp Su	III
	ELT 104	Distribution System	3	Fa	V
	ILT 160	DC Fundamentals	3	Fa Sp	V
	ILT 161	AC Fundamentals	3	Fa Sp	V
Semester 2	AUT 186	Principles of Industrial Maintenance Welding & Metal Cutting Techniques	3	Sp	V
	ELT 110	Wiring Methods	3	Fa Sp Su	V
	ILT 166	Motors and Transformers I	3	Fa Sp Su	V
	ILT 197	Motor Controls I	3	Fa Sp	V
Semester 3	MTH 116*	Mathematical Applications	3	Fa Sp Su	III
	ACR 147	Refrigerant Recovery & Transition Theory	3	Fa Su	V
	ILT 175	Computer Fundamentals for Technology Students	3	Su	V
	ILT 194	Introduction to Programmable Logic Controllers	3	Su	V
	ILT 240	Sensors Technology and Applications	3	Su	V
Semester 4	HUM 101*	Introduction to Humanities I	3	Fa Sp Su	II
	ILT 169	Hydraulics/Pneumatics	3	Fa	V
	ILT 195	Troubleshooting Techniques, I	3	Fa	V
	ILT 196	Advanced Programmable Logic Controllers	3	Fa	V
Semester 5	HIS 101*	Western Civilization I	3	Fa Sp Su	IV
	ACR 112	Service procedures	3	Sp Su	V
	ACR 113	Refrigeration Piping Practices	3	Sp Su	V
	AUT 138	Principles of Industrial Mechanics	3	Fa Sp	V

Facility Maintenance Technology AAS TOTAL HOURS 67

Intermediate Automation, Robotics & Controls Short-Term Certificate TOTAL HOURS 9

\* May be substituted per Instructor's approval

**WALLACE STATE**  
HANCEVILLE • ONEONTA