



PATHWAYS



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

Electrical Technology

Associate in Applied Science / Certificate / Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ORI 110	Freshman Seminar	1	Fa Sp Su	IV
	CIS 146*	Computer Applications	3	Fa Sp Su	III
	AUT 138	Principles of Industrial Mechanics	3	Fa Sp Su	V
	ILT 160	DC Fundamentals	3	Fa Sp Su	V
	ILT 161	AC Fundamentals	3	Fa Sp Su	V
Semester 2	MTH 116*	Mathematical Applications	3	Fa Sp Su	III
	ELT 110	Wiring Methods	3	Fa Sp Su	V
	ILT 197	Motor Controls I	3	Fa Sp Su	V
	ILT 231	National Electric Code	3	Fa Sp Su	V
Semester 3	ELT 114	Residential Wiring Methods	3	Fa Sp Su	V
	ILT 166	Motors and Transformers I	3	Fa Sp Su	V
	ILT 194	Introduction to Programmable Logic Controllers	3	Fa Sp Su	V
	ILT 240	Sensors Technology and Applications	3	Fa Sp Su	V
Semester 4	ENG 101	English Composition I	3	Fa Sp Su	I
	ELT 104	Power Distribution System	3	Fa Sp Su	V
	ILT 117	Principles of Construction Wiring	3	Fa Sp Su	V
	ILT 167	AC/DC Machinery and Controls I	3	Fa Sp Su	V
	ILT 169	Hydraulics/Pneumatics	3	Fa Sp Su	V
Semester 5	HUM 101*	Introduction to Humanities I	3	Fa Sp Su	II
	HIS 101*	Western Civilization I	3	Fa Sp Su	IV
	ELT 132	Commercial/Industrial Wiring II	3	Fa Sp Su	V
	ELT 225	Smart House Wiring	3	Fa Sp Su	V
	ILT 181	Special Topics in ILT	3	Fa Sp Su	V
Electrical Technology AAS TOTAL HOURS 67					
Electrical Technology Certificate TOTAL HOURS 58					
Electricity & Controls Level 1 Short-Term Certificate TOTAL HOURS 9					
Electricity & Controls Level 2 Short-Term Certificate TOTAL HOURS 9					
Wiring Applications Level 1 Short-Term Certificate TOTAL HOURS 12					
Wiring Applications Level 2 Short-Term Certificate TOTAL HOURS 12					
Electric Vehicle Charging Infrastructure Short-Term Certificate TOTAL HOURS 15					

* May be substituted per Electrical Technology Instructor's approval

WALLACE STATE
HANCEVILLE • ONEONTA