



# PATHWAYS



**YOUR MAP TO  
COMPLETION  
2023-2024**

<b>Electrical Technology</b>					
Associate in Applied Science / Certificate / Short-Term Certificate					
Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	ILT 160	DC Fundamentals NC3 Fundamentals of Electricity - DC	3	Fa Sp Su	Required V
	ILT 161	AC Fundamentals NC3 Fundamentals of Electricity - AC	3	Fa Sp Su	Required V
	AUT 138	Principles of Industrial Mechanics OSHA 10	3	Fa Sp Su	Required V
	CIS 146	Computer Applications	3	Fa Sp Su	Required III
	ORI 110	Freshman Seminar	1	Fa Sp Su	Required IV
	Semester 2	ELT 110	Wiring Methods	3	Fa Sp Su
ILT 166		Motors and Transformers I	3	Fa Sp Su	Required V
ILT 168		Hydraulics/Pneumatics NC3 Fundamentals of Fluid Power: Pneumatics Fundamentals of Fluid Power: Hydraulics	3	Fa Sp Su	Required V
*MTH 116		Mathematical Applications	3	Fa Sp Su	Required III
CIS 199		Network Communications	3	Fa Sp Su	Required V
Semester 3	ILT 197	Motor Controls I	3	Fa Sp Su	Required V
	ILT 231	National Electric Code	3	Fa Sp Su	Required V
	ELT 114	Residential Wiring Methods	3	Fa Sp Su	Required V
	ELT 104	Distribution System	3	Fa Sp Su	Required V
Semester 4	ILT 240	Sensors Technology and Applications	3	Fa Sp Su	Required V
	ILT 194	Intro to Programmable Logic Controllers	3	Fa Sp Su	Required V
	ILT 117	Principles of Construction Wiring	3	Fa Sp Su	Required V
	ILT 167	AC/DC Machinery and Controls I	3	Fa Sp Su	Required V
	ENG 101	English Composition	3	Fa Sp Su	Required I

Semester 5	ILT 181	Special Topics in ILT	3	Fa Sp Su	Required V
	ELT 132	Commercial/Industrial Wiring II	3	Fa Sp Su	Required V
	ELT 225	Smart House Wiring	3	Fa Sp Su	Required V
	*HUM 101	Intro to Humanities I	3	Fa Sp Su	Required II
	*HIS 101	Western Civilization I	3	Fa Sp Su	Required IV
<b>Electrical Technology AAS Total Hours 70</b>					
<b>Electrical Technology Certificate Total Hours 58</b>					

\*May be substituted per advisor's approval

For Assistance with Financial Aid: <http://www.wallacestate.edu/financial-aid>

For transfer information to a four-year school: <https://alabamatransfers.com/>

