



# PATHWAYS



YOUR MAP TO  
COMPLETION

## Electronics Technology Communications

Associate in Applied Science Option II / Certificate / Short-Term Certificate

Full Time	Course Prefix	Course Description	Credit Hours	Semesters Offered	Area
Semester 1	AUT 138	Principles of Industrial Mechanics	3	Fa Sp Su	Required V
	ILT 160	Concepts of Direct Current	3	As Needed	Required V
	ILT 161	Concepts of Alternating Current	3	As Needed	Required V
	*MTH 100	Intermediate College Algebra	3	Fa Sp Su	Required III
	ORI 110	Freshman Seminar	1	Fa Sp Su	Required IV
Semester 2	ILT 162	Concepts of Solid State	3	As Needed	Required V
	ILT 163	Concepts of Digital Electronics	3	As Needed	Required V
	ILT 164	Circuit Fabrication I	1	Fa Sp Su	Required V
	ILT 218	Industrial Robotics Concepts	3	Fa Sp Su	Required V
	*CIS 146	Microcomputer Applications	3	Fa Sp Su	
	*MTH 103	Technical Math	3	Fa Sp Su	Required V
Semester 3	ILT 103	Intro to Avionics	3	As Needed	Required V
	ILT 129	Personal Computer Hardware	3	As Needed	Required V
	ILT 135	Local Area Networks	3	Fa Sp Su	Required V
	ILT 195	Troubleshooting Techniques	3	Fa Sp Su	Required V
	ILT 240	Sensors Technology and Applications	3	Fa Sp Su	Required V
Semester 4	ILT 131	PC Problem Determination	3	As Needed	Required V
	ILT 145	Advanced Networking	3	As Needed	Required V
	ENG 101	English Composition I	3	Fa Sp Su	Required I
	*IDS 240	Ethics	3	Fa Sp Su	Required II
Semester 5	ILT 228	FCC GROL Prep	3	As Needed	Required V
	ILT 251	RF Communications	3	As Needed	Required V
	ILT 252	Digital Communications	3	As Needed	Required V
	*HIS 101	Western Civilization I	3	Fa Sp Su	Required IV
<b>Electronics Technology Communications AAS Total Hours 68</b>					
<b>Communications Certificate Total Hours 59</b>					
<b>Basic Communications Short-Term Certificate Total Hours 12</b>					
<b>Basic Electronics Short-Term Certificate Total Hours 9</b>					
<b>Intermediate Electronics Short-Term Certificate Total Hours 10</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: <http://stars.troy.edu/>

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