



PATHWAYS



YOUR MAP TO
COMPLETION

Electronics Technology BioMedical

Associate in Applied Science Option I / 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
	*BIO 103	Principles of Biology I	4	Fa Sp Su	Required III
Semester 3	ILT 129	Personal Computer Hardware	3	Fa Sp Su	Required V
	ILT 135	Local Area Networks	3	Fa Sp Su	Required V
	ILT 169	Hydraulics/Pneumatics	3	Fa Sp Su	Required V
	ILT 195	Troubleshooting Techniques	3	Fa Sp Su	Required V
	ILT 240	Sensors Technology Applications	3	Fa Sp Su	Required V
Semester 4	ILT 131	PC Problem Determination	3	Fa Sp Su	Required V
	ILT 145	Advance Networking	3	Fa Sp Su	Required V
	ILT 197	Motor Controls I	3	Fa Sp Su	Required V
	ENG 101	English Composition I	3	Fa Sp Su	Required I
Semester 5	ILT 203	Biomedical Electronics I	3	Fa Sp Su	Required V
	ILT 291	Cooperative Education in Biomedical Field	3	Fa Sp Su	Required V
	*HIS 101	Western Civilization I	3	Fa Sp Su	Required IV
	*IDS 102	Ethics	3	Fa Sp Su	Required II
Electronics Technology BioMedical AAS Total Hours 66					
Additional	MTH 103	Technical Math	3	As Needed	Required III
Biomedical Technician Short-Term Certificate Total Hours 56					
Basic Biomedical Concepts Short-Term Certificate Total Hours 12					
Basic It And Advanced Networking Short-Term Certificate Total Hours 9					

*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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