

NAME: _____ Student ID Number: _____

Engineering and Electronics Technology AAS 1503997019

General Education:					Chose the track you are interested in. Each course must be completed to receive the credential.				
MAT	150	College Algebra OR	3	☐	Electronics Track 150399707				
MAT	126	Technical Algebra and Trigonometry	(3)	☐	ELT	214	Devices II	4	☐
PHY	171	Applied Physics OR Other Natural Sciences	4 (3)	☐	ELT	220	Digital II	3	☐
ENG	101	Writing I	3	☐	Technical Electives *				
Social/Behavioral Sciences			3	☐	Subtotal 20				
Oral Communications			3	☐	TOTAL 62-64				
Heritage/Humanities			3	☐	Industrial Track 150399704				
Subtotal 18					ELT	214	Devices II	4	☐
Technical Core: (Must complete all)					ELT	220	Digital II	3	☐
ELT	110	Circuits I	5	☐	EET	270	Electrical Motor Controls I AND	4	☐
ELT	114	Circuits II	5	☐	EET	271	Electrical Motor Controls I Lab		
ELT	210	Devices I	4	☐	EET	276	Programmable Logic Controllers AND	4	☐
ELT	120	Digital I	3	☐	EET	277	Programmable Logic Controllers Lab		
BRX	120	Basic Blueprint Reading OR	3	☐	Technical Electives *				
CAD	100	Introduction to Computer Aided Design	(3)	☐	Subtotal: 20				
Computer/Digital Literacy			3	☐	Total 62-64				
ELT	289	Engineering and Electronics Technology Capstone Course (2011)	1	☐	Computer Maintenance Track 150399703				
Subtotal 24					ELT	234	Computer Hardware Maintenance	3	☐
Technical Electives/Notes:					ELT	232	Computer Software Maintenance	3	☐
					ELT	220	Digital II	3	☐
					CIT	160	Data Communications and Networking	4	☐
					Technical Electives *				
					Subtotal: 20				
					Total 60-64				
					Robotics and Automation Track 150399705				
					ELT	265	Applied Fluid Power FPX 100/101 can be substituted for (5)	3	☐
					ELT	260	Robotics and Industrial Automation	5	☐
					EET	270	Electrical Motor Controls I AND	2	☐
					EET	271	Electrical Motor Controls I Lab	2	
					EET	276	Programmable Logic Controllers AND	2	☐
					EET	277	Programmable Logic Controllers Lab	2	
					Technical Electives * (only need 2 if using FPX100/101)				
					Subtotal: 20				
					Total 62-64				
					Communications Track 150399708				
					ELT	214	Devices II	4	☐
					ELT	220	Digital II	3	☐
					ELT	240	Communications Electronics	6	☐
					Technical Electives *				
					Subtotal: 20				
					Total 62-64				

* Technical Electives: Any EET, ET, ENGT, ELT, IMT, CIS, CIT, NIS, IT, ISM, CAD, ICT, MFG, or any other course as approved by the program coordinator.

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Engineering and Electronics Technology Diploma

[illegible]

* Technical Electives: Any EET, ET, ENGT, ELT, IMT, CIS, CIT, NIS, IT, ISM, CAD, ICT, MFG, or any other course as approved by the program coordinator.

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Engineering and Electronics Technology Certificates

Electronics Tester			1503993089	
ELT	110	Circuits I	5	☐
ELT	114	Circuits II	5	☐
ELT	120	Digital I	3	☐
Total			13	
Electronics Technician			1503993069	
ELT	110	Circuits I	5	☐
ELT	114	Circuits II	5	☐
ELT	210	Devices I	4	☐
ELT	214	Devices II	4	☐
ELT	120	Digital I	3	☐
ELT	220	Digital II	3	☐
Total			24	
Maintenance Technician			1503993059	
BRX	120	Basic Blueprint Reading OR	3	☐
CAD	100	Introduction to Computer Aided Design	(3)	
ELT	110	Circuits I	5	☐
ELT	114	Circuits II	5	☐
ELT	265	Applied Fluid Power FPX 100/101 can be substituted for (5)	3	☐
EET	270	Electrical Motor Controls I AND	2	☐
EET	271	Electrical Motor Controls I Lab	2	
EET	276	Programmable Logic Controllers AND	2	☐
EET	277	Programmable Logic Controllers Lab	2	
Total			24	
Robotics and Automation Technician			1503993099	
ELT	110	Circuits I	5	☐
ELT	114	Circuits II	5	☐
ELT	210	Devices I	4	☐
ELT	120	Digital I	3	
CMM	132	CAD/CAM/CNC	(3)	
ELT	265	Applied Fluid Power FPX 100/101 can be substituted for (5)	3	
ELT	260	Robotics and Industrial Automation	5	☐
EET	270	Electrical Motor Controls I AND	2	☐
EET	271	Electrical Motor Controls I Lab	2	
EET	276	Programmable Logic Controllers AND	2	☐
EET	277	Programmable Logic Controllers Lab	2	
Total			24	

Industrial Electronics Technician I			1503993129	
ELT	110	Circuits I	5	☐
ELT	114	Circuits II	5	☐
ELT	120	Digital I	3	☐
EET	276	Programmable Logic Controllers AND	2	☐
EET	277	Programmable Logic Controllers Lab	2	
Total			17	
Industrial Electronics Technician II			1503993139	
ELT	110	Circuits I	5	☐
ELT	114	Circuits II	5	☐
ELT	210	Devices I	4	☐
ELT	214	Devices II	4	☐
ELT	120	Digital I	3	☐
ELT	220	Digital II	3	☐
EET	270	Electrical Motor Controls I AND	2	☐
EET	271	Electrical Motor Controls I Lab	2	
EET	276	Programmable Logic Controllers AND	2	☐
EET	277	Programmable Logic Controllers Lab	2	
Total			32	
Automation Technician			1503993229	
ELT	110	Circuits I	5	☐
EET	270	Electrical Motor Controls I AND	2	☐
EET	271	Electrical Motor Controls I Lab	2	
EET	276	Programmable Logic Controllers AND	2	☐
EET	277	Programmable Logic Controllers Lab	2	
ELT	265	Applied Fluid Power FPX 100/101 can be substituted for (5)	3	☐
Total			16	
Communications Technician			1503993039	
ELT	110	Circuits I	5	☐
ELT	114	Circuits II	5	☐
ELT	210	Devices I	4	☐
ELT	214	Devices II	4	☐
ELT	120	Digital I	3	☐
ELT	240	Communications Electronics	6	☐
Total			27	
Computer Maintenance Technician			1503993029	
ELT	110	Circuits I	5	☐
ELT	120	Digital I	3	☐
Computer Literacy			3	☐
ELT	234	Computer Hardware Maintenance OR	3	☐
ELT	105	Computer Maintenance Essentials	(3)	
ELT	232	Computer Software Maintenance OR	3	☐
ELT	205	Advanced Computer Maintenance	(3)	
Total			17	