Engineering Technology Diplomas

General Education Requirements: Required for all Diplomas			
MT 150	College Algebra and Functions OR	3	☐
MT 125	Technical Algebra and Trigonometry OR	3	
MA 109	College Algebra	3	
	Writing/Accessing Information OR	3	☐
	Oral Communications	3	

CORE Requirements: Required for all Diplomas			
ENGT 110	Circuits I	5	☐
ENGT 114	Circuits II	5	☐
ENGT 210	Devices I	5	☐
ENGT 120	Digital I	3	☐
BRX 120	Basic Blueprint Reading	3	☐
	Computer Literacy Course	3	☐
ET 234	Computer Hardware Maintenance OR	3	☐
IT 105	Computer Maintenance Essentials OR	3	
ENGT 105	Computer Maintenance Essentials OR	3	
EET 276	Programmable Logic Controllers AND	2	
EET 277	Programmable Logic Controllers Lab	2	
		Subtotal: 27-29	

List Technical Electives:

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

Rev. March 24, 2010

Choose the required courses from the diploma you are interested in. Each course must be completed to receive the credential.

Electronics Diploma: 1500004019			
ENGT 214	Devices II	5	☐
ENGT 220	Digital II	3	☐
	Technical Electives	13	☐
		Subtotal: 21	
		TOTAL: 66-69	

Industrial Diploma: 1500004079			
ENGT 214	Devices II	5	☐
ENGT 220	Digital II	3	☐
EET 264	Rotating Machinery AND	2	☐
EET 265	Rotating Machinery Lab AND	2	
EET 270	Electrical Motor Controls I AND	2	
EET 271	Electrical Motor Controls I Lab	2	
	Technical Electives	11	☐
		Subtotal: 27	
		TOTAL: 72-75	

Computer Maintenance Diploma: 1500004049			
ET 232	Computer Software Maintenance OR	3	☐
IT 205	Advanced Computer Maintenance OR	3	
ENGT 205	Advanced Computer Maintenance	3	
ENGT 220	Digital II	3	☐
NIS 160	Networking Core Technologies OR	3	☐
IT 120	Cisco Internetworking I	4	
	Technical Electives	12	☐
		Subtotal: 21-22	
		TOTAL: 66-70	

Robotics & Automation Specialization : 1500004039			
MTT 132	CAD / CAM / CNC	3	☐
ET 265	Applied Fluid Power (FPX 100/101)	3	☐
ENGT 260	Robotics and Industrial Automation	5	☐
EET 270	Electrical Motor Controls I AND	2	☐
EET 271	Electrical Motor Controls I Lab	2	
	Technical Electives	13	☐
		Subtotal: 28	
		TOTAL: 73-76	

Communications Diploma : 1500004029			
ENGT 214	Devices II	5	☐
ENGT 220	Digital II	3	☐
ENGT 250	Electronics Communication	6	☐
	Technical Electives	12	☐
		Subtotal: 26	
		TOTAL: 71-74	