

Electronics Engineering Technology

EET

One & Two Year Certificates

Program Description: The two-year Electronics Engineering Technology Certificate focuses on fundamentals required for entry-level positions in the Industry. The two-year certificate greatly increases placement and career opportunities. Students will specialize in one of the following four areas during the second year; Computer Systems (CS), Biomedical Equipment (BM), Manufacturing Technology (MT), or Telecommunications (TE). The program instructor has previously placed graduates in fortune 500 companies including: Intel, Rockwell-collins, L3 Communications, MCI, broadcasting & recording industries, BioMed industries and others.

ONE & TWO YEAR CERTIFICATE REQUIREMENTS				
MATH	101	Algebra (Entrance Exam may require this class)		*
MATH	105	Math for Electronics		*
First Quarter				
EET	101	Introduction to Electronics		5
EET	110	Electrical Circuit Analysis1		5
EET	113	Electrical Circuit Analysis 2		5
				15
Second Quarter				
EET	115	Electrical Circuit Analysis 3		5
EET	118	Introduction to Renewable Energy		5
EET	121	Semiconductors Devices and Circuits		5
				15
Third Quarter				
EET	125	Operational Amplifiers		5
EET	130	Digital Systems 1		5
EET	135	Digital Systems 2		5
				15
Fourth Quarter				
EET	201	Troubleshooting	CS	5
EET	205	Electronic Communications	BM	5
EET	207	PC 101	MT	5
			TE	15
Fifth Quarter				
EET	210	Photonics	X	5
EET	215	NANO-Micro Systems	X	5
EET	220	Mechatronics	X	5
EET	221	Telephone Systems		5
EET	227	A+ Hardware and Software	X	5
EET	229	Net+	X	5
				15
Sixth Quarter				
EET	223	Voice Over Internet Protocol (VoIP)	X	5
EET	225	Robotic Technology		5
EET	230	Routers and Switches	X	5
EET	235	FCC Test Preparation		3
EET	240	Certified Electronics Technician Preparation		3
EET	241	Medical Terminology	X	3
EET	243	BioMed Equipment	X	5
EET	245	BioMed Certification	X	3
EET	250	EET Career Search	X	2
*	*	Elective 1 with instructor permission	X	*
				15
Certificate Total =				90