

Electronics Engineering Technician - 2006/2007

<i>TERM 1 is offered Fall and Winter</i>		<i>CREDIT HOURS</i>
WR121	English Composition – Exposition	3
DRF101	Basic CAD for Electronics	2
ELT131	Electronic Concepts I	4
ELT111	Electronics Orientation	1
MTH111 or MTH081	College Algebra	<u>4-5</u>
		<u>14-15</u>
<i>TERM 2 is offered Winter and Spring</i>		
ELT132	Electronic Concepts II	4
ELT141	Transistor Fundamentals	5
ELT151	Digital Fundamentals	4
MTH112 or MTH082	Trigonometry	<u>4-5</u>
		<u>17-18</u>
<i>TERM 3 is offered Spring and Summer</i>		
WR227	Technical Writing	3
ELT133	Electronic Concepts III	4
ELT142	Semiconductor Devices	3
ELT143	Pulse Circuit Fundamentals	3
ELT161	Linear IC Fundamentals	<u>4</u>
		<u>17</u>
<i>TERM 4 is offered Fall only</i>		
SP111	Fundamentals of Public Speaking	3
FE205B	Resumes and Job Search	1
ELT244	Electronic Circuit Analysis	4
ELT252	Digital Circuit Applications	3
ELT121 or CS133J	Programming Concepts I	4
PH201 or PH081	Physics	<u>4-5</u>
		<u>19-20</u>
<i>TERM 5 is offered Winter only</i>		
ELT262	Linear IC Applications	3
ELT253	Microcomputer Systems	5
ELT281	Antennas & Transmission Lines	2
ELT282	Telecommunications	3
PH202 or PH082	Physics	<u>4-5</u>
		<u>17-18</u>
<i>TERM 6 is offered Spring only</i>		
ELT283	Logical Troubleshooting	5
ELT291	Advanced Industrial Electronics	4
PSY104	Psychology in the Workplace	3
	Approved Electronics Elective*	<u>6</u>
		<u>19</u>

All students in Electronics must have a Pentium class compatible computer.

* APPROVED ELECTRONICS ELECTIVES

CH201	Chemistry for Engineers	4
ELT122	Programming Concepts 2	3
ELT254	Computer Hardware	4
ELT255	Advanced Data Communications	5
ELT256	Advanced Computer Architecture	4
ELT280C	Cooperative Work Experience	3
	(2 nd year students, must have prior PC approval)	
MT110	Microelectronics MT223 High Vacuum	3
MT221	Fluid and Vacuum Systems	4
MT223	High Vacuum Technology	3
MT227A	Pneumatics and Hydraulics Fundamentals	3
MTH241	Elementary Calculus	4
MTH243	Probability and Statistics	4
MTH251	Differential Calculus (or higher)	5
PH203	General Physics	4

ELECTRONICS ADVISORS/STAFF

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OTHER

You must get a C or better in required classes to graduate.