

**DeVRY – KANSAS CITY**  
**ELECTRONICS AND COMPUTER TECHNOLOGY PROGRAM**  
**STANDARD FULL-TIME PLAN OF STUDY FOR STUDENTS STARTING IN FALL 2004**

Course Requirements

	Credit Hours	▼
First Semester		
COLL-145 Critical Thinking & Problem Solving	1	
MATH-105 Technical Mathematics I	3	
COMP-100 Computer Applications with Laboratory	2	
ECT-112 Digital Electronics Fundamentals	4	
COMP-128 PC Systems & Networks	4	
ECT-112L Digital Electronics Fundamentals Laboratory	1	
COMP-128L PC Systems & Networks Laboratory	<u>1</u>	
	16	
Second Semester		
ENGL-112 Composition	4	
MATH-120 Technical Mathematics II	3	
ECT-150 Electronics I	5	
ECT-162 Introduction to Microprocessors	4	
ECT-150L Electronics I Laboratory	2	
ECT-162L Introduction to Microprocessors Laboratory	<u>1</u>	
	19	
Third Semester		
PSYC-110 Applied Psychology	3	
PHYS-202 Applied Physics	3	
ECT-210 Electronics II	4	
ECT-215 Data & Fiber Optic Telecommunications	4	
PHYS-202L Applied Physics Laboratory	1	
ECT-210L Electronics II Laboratory	1	
ECT-215L Data & Fiber Optic Telecommunications Laboratory	<u>1</u>	
	17	
Fourth Semester		
CARD-205 Career Development	2	
ECT-250 Technology Integration	2	
ECT-252 Embedded Microprocessors	3	
ECT-261 Communication Systems	4	
ECT-252L Embedded Microprocessors Laboratory	1	
ECT-261L Communication Systems Laboratory	1	
AND CONTROLS TRACK		
ECT-262 Sensors & Instrumentation	4	
ECT-262L Sensors & Instrumentation Laboratory	1	
OR NETWORKS TRACK		
ECT-267 LAN & Internet	4	
ECT-267L LAN & Internet Laboratory	<u>1</u>	
	18	

	Credit Hours	▼
Fifth Semester		
ENGL-209 Technical Communication	3	
HUMN-232 Ethical and Legal Issues in the Professions	3	
ECT-295L Applied Project Laboratory	1	
ECT-281 Wireless Communications	4	
ECT-281L Wireless Communications Laboratory	1	
AND CONTROLS TRACK		
ECT-282 Automation & Control Systems	4	
ECT-282L Automation & Control Systems Laboratory	1	
OR NETWORKS TRACK		
ECT-287 WAN with TCP/IP	4	
ECT-287L WAN with TCP/IP Laboratory	<u>1</u>	
	17	

ACADEMIC ADVISING USE ONLY.

THIS ILLUSTRATES THE OVERALL FLOW OF THE CURRICULUM. THE ACTUAL SEQUENCE IN WHICH THE COURSES ARE OFFERED MAY DIFFER.

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