



ELECTRICAL ENGINEERING TECHNOLOGY

Associate in Applied Science (AAS)

(Pending Approval)

Advising Sheet – Suggested Course Sequence

Student Name _____

Faculty Advisor _____

REQUIRED COURSES	CR.	PRE-REQUISITE COURSES	APPROVED COURSE SUBSTITUTIONS	TERM THAT I PLAN TO TAKE OR √ TAKEN
SDV 100 College Success Skills	1			
ENG 111 College Composition I	3	See Placement Test Scores	ENG 115-Technical Writing	
MTH 103 Applied Technical Mathematics I	3	See Placement Test Scores	MTH 120, MTH 158, MTH 163, or higher	
SAF 130 Industrial Safety-OSHA 10	1		See Note 5	
ELE-110 Home Electric Power	3			
ELE-118 Practical Electricity <i>Offered Fall only</i>	2			
ELE-127 Residential Wiring Methods	3			
ELE-131 National Electrical Code I	3			
ELE-150 A.C. and D.C. Circuit Fundamentals	4			
ELE-151 Electrical Troubleshooting <i>Offered Spring only</i>	3			
MILESTONE: Residential Electricity Career Studies Certificate (See faculty advisor)				
ITE 115 Introduction to Computer Applications & Concepts	3		See Note 2	
MEC 154 Mechanical Maintenance I	3			
Health/Physical Education Elective	1			
Social/Behavioral Science Elective	3		See Note 4	
ELE-137 National Electrical Code-Industrial	3			
ELE-138 National Electrical Code Review I <i>Offered Spring only</i>	3			
ELE-156 Electrical Control Systems	3			
ELE-159 Electric Motors	3			
Humanities Elective	3		See Note 3	
Restricted Business Elective	3		BUS 116, BUS 125, BUS 200, BUS 205	
Restricted Technical Electives	9		ELE, CAD, IND, MEC, AIR	
Total Minimum Credits to Complete	63			

NOTES

- Students are strongly encouraged to complete their SDV, ENG, and MTH requirements first.
- Students with good computer skills may seek to satisfy this requirement by CLEP.
- The humanities elective requirement must be satisfied by completing one 3-credit conceptual humanities course. See website (<http://www.jtcc.edu/humanitieselectives>) for a list of approved conceptual and applied humanities electives.
- The social/behavioral science elective can be satisfied with the following prefixes: PSY, SOC, ECO, GEO, PLS, and HIS. Students in apprenticeship programs should take PSY 126.
- Credit for SAF 130 will be granted with a prior OSHA 10 or 30 certification. Proof of successful completion with a valid OSHA issued card will be required.
- Students should regularly meet with their faculty advisor and check their advisement report in MyTyler – SIS.
- Courses noted as Fall only or Spring only are based on historical trends and current planning and may change without notice.

For more information on this major, contact the Division of Engineering, Business and Public Services. 804.706.5121 (Chester Campus, Godwin Hall, G108) or 804.594.1480 (Midlothian Campus, Hamel Hall, H206).