



**AAS in Electrical/Electronic Controls Technology to
Bachelor of Applied Arts & Sciences in Business
2018-2019 Catalog**



First Year Tyler Junior College

FIRST SEMESTER		SECOND SEMESTER	
TECM 1303 – Technical Calculations		ELPT 1325 – National Electrical Code I	
IEIR 1302 – Introduction to Direct Current Circuits		IEIR 1304 – Alt. Current Circuits for Industrial Applications	
CETT 1321 – Electronic Fabrication		CETT 1325 – Digital Fundamentals	
C ^c ECON 2301 – Principles of Macroeconomics * (080)		C ^c ENGL 2311 – Technical & Business Writing (090)	
C ^c ENGL 1301 – Composition I (010)		Total semester hours: 12	
Total semester hours: 15		Total semester hours: 12	
SUMMER I			
IEIR 2388 – Internship – Industrial Electronics Technology/Technician *			
Total semester hours: 3			

Second Year Tyler Junior College

It is best to apply to TWU a full semester before you plan to transfer. It will help if you submit a copy of this pathway with your application.

FIRST SEMESTER		SECOND SEMESTER	
ELPT 2305 – Motors and Transformers		ELPT 1345 – Commercial Wiring	
INCR 1302 – Physics of Instrumentation		ELPT 2347 – Electrical Testing and Maintenance	
INTC 1341 – Principles of Automatic Control		ENER 2325 – SCADA and Networking	
ELPT 2319 – Programmable Logic Controllers I		C ^c SPCH 1321 – Business & Prof. Communication (010) *	
C ^c MATH 1314 – College Algebra (020) *		C ^c PHIL 2306 – Introduction to Ethics (040)	
Total semester hours: 15		Total semester hours: 15	

AAS: Electrical/Electronic Controls Technology

You will need to apply for the associate's degree at your community college. Contact your advisor there for more information.

Third Year Texas Woman's University

FIRST SEMESTER (15 SCH)		SECOND SEMESTER (15 SCH)	
C ^c Life & Physical Sciences ^{030*}		C ^c Life & Physical Sciences ^{030*}	
C ^c HIST 1013 US History I ⁰⁶⁰ (HIST 1301)		C ^c HIST 1023 US History II ⁰⁶⁰ (HIST 1302)	
C ^c GOV 2013 U.S. Government ⁰⁷⁰ (GOVT 2305)		C ^c GOV 2023 Texas Government ⁰⁷⁰ (GOVT 2306)	
C ^c Creative Arts ⁰⁵⁰		3 Semester Credits of Electives*	
BUS 3003 Principles of Management		C ^c BUS 3393 Law for Women ⁰⁹⁰	

Fourth Year Texas Woman's University

FIRST SEMESTER (15 SCH)		SECOND SEMESTER (15 SCH)	
BUS 3513 Professional Presentation Strategies		BUS 4223 Human Behavior in Business Admin	
BUS 3113 Principles of Marketing		BUS 3243 Entrepreneurship	
BUS 3163 Business Communications		BUS 4903 ST: Finance for Small Business	
BUS 3183 International Business ^{GP}		BUS 4903 ST: Info Systems/Data	
BUS 3273 Human Resource Management		BUS 4343 Business Leadership Strategies	

This is not an official degree plan. Check with an advisor; degree plans may change in later catalogs.

*You may take a different course to meet this requirement. A specific list is available from your advisor.

C^cThis course counts for the Core Curriculum at any public college or university in Texas. Sometimes, taking a specific course to meet a Core requirement will also fulfill other requirements for your degree. If this course meets more than one requirement it is listed as the correct option (with no asterisk).

^{GP}TWU Global Perspective graduation requirement

()Course numbers shown in parentheses are equivalent to these courses at Texas Woman's University.

For questions about the TWU portion of this guided pathway,
Contact the School of Management Advising at 940 898-2957 and/or som@twu.edu