



**AAS in Industrial Automation Systems to  
Bachelor of Applied Arts & Sciences in Business  
Effective for the 2017-2018 Catalog**



**First Year Vernon College**

<b>FIRST SEMESTER (13 SCH)</b>	<b>SECOND SEMESTER (15 SCH)</b>
<b>C</b> ENGL 1301 Composition I <sup>010</sup>	<b>C</b> MATH 1314 College Algebra <b>or</b> MATH 1332 Contemporary Mathematics <sup>020</sup>
CETT 1402 Electricity Principles <b>or</b> HART 1401 Basic Electricity for HVAC	ELPT 1441 Motor Controls
ITNW 1325 Fundamentals of Networking Technologies	ELPT 2419 Programmable Logic Controllers I
XXXX X3XX Approved elective	RBTC 1405 Robotic Fundamentals

**Second Year Vernon 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.

<b>FIRST SEMESTER (17 SCH)</b>	<b>SECOND SEMESTER (15 SCH)</b>
<b>C</b> GOVT 2305 Federal Government <sup>070</sup>	<b>C</b> Language, Philosophy & Culture <sup>040*</sup>
<b>C</b> SPCH 1315 Public Speaking <sup>010</sup>	ELMT 2441 Electromechanical Systems
ELMT 2433 Industrial Electronics	ELPT 1457 Industrial Wiring
ELPT 2339 Electrical Power Distribution	ELPT 2443 Electrical Systems Design
ELPT 2449 Industrial Automation	

**AAS: Industrial Automation Systems**

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**

<b>FIRST SEMESTER (15 SCH)</b>	<b>SECOND SEMESTER (15 SCH)</b>
<b>C</b> GOV 2023 Texas Government <sup>070</sup> (GOVT 2306)	<b>C</b> Creative Arts <sup>050*</sup>
<b>C</b> HIST 1013 U.S. History I <sup>060</sup> (HIST 1301)	<b>C</b> HIST 1023 U.S. History I <sup>060</sup> (HIST 1302)
<b>C</b> Life & Physical Science <sup>030*</sup>	<b>C</b> Life & Physical Science <sup>030*</sup>
<b>C</b> Social & Behavioral Sciences <sup>080*</sup>	<b>C</b> Core Component Area Option <sup>090*</sup>
BUS 3003 Principles of Management	<b>C</b> BUS 3393 Law for Women <sup>090</sup>

**Fourth Year Texas Woman's University**

<b>FIRST SEMESTER (15 SCH)</b>	<b>SECOND SEMESTER (15 SCH)</b>
BUS 3273 Human Resource Management	BUS 4223 Human Behavior in Business Admin
BUS 3513 Professional Presentation Strategies	BUS 3243 Entrepreneurship
BUS 3113 Principles of Marketing	BUS 4903 ST: Finance for Small Business
BUS 3163 Business Communications	BUS 4903 ST: Info Systems/Data
BUS 3183 International Business <sup>GP</sup>	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**This 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).

<sup>GP</sup>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 degree plan,  
Contact the School of Management Advising at 940 898-2957 and/or som@twu.edu