



**AAS in Power Plant Technology to
Bachelor of Applied Arts & Sciences in Business
2018-2019 Catalog**



First Year Tyler Junior College

FIRST SEMESTER	SECOND SEMESTER
ENER 1330 – Basic Mechanical Skills for Energy	IEIR 1304 – Alternating Current Circuits for Ind. App.
TECM 1303 – Technical Calculations	CBFM 1407 – Boiler Operation
IEIR 1302 – Introduction to Direct Current Circuits	INCR 1302 – Physics of Instrumentation
INMT 2301 – Machinery Installation	HYDR 1345 – Hydraulics and Pneumatics
ENGL 1301 – Composition I (010)	MATH 1314 – College Algebra (020)
Total semester hours: 15	Total semester hours: 16

SUMMER
ELMT 1380 – Cooperative Education – Electromechanical Technology/Electromechanical Engineering Technology *
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
ELMT 2452 – Power Generation Instrumentation	ELPT 2305 – Motors and Transformers
INMT 2303 – Pumps, Compressors & Mechanical Drives	ELMT 2453 – Power Generation Troubleshooting
ENER 2325 – SCADA and Networking	PHIL 2306 – Introduction to Ethics (040)
ECON 2301 – Principles of Macroeconomics * (080)	SPCH 1321 – Business & Prof. Communication (010)
Total semester hours: 13	Total semester hours: 13

AAS: Power Plant 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)
Life & Physical Sciences ^{030*}	Life & Physical Sciences ^{030*}
HIST 1013 US History I ⁰⁶⁰ (HIST 1301)	HIST 1023 US History II ⁰⁶⁰ (HIST 1302)
GOV 2013 U.S. Government ⁰⁷⁰ (GOVT 2305)	GOV 2023 Texas Government ⁰⁷⁰ (GOVT 2306)
Creative Arts ⁰⁵⁰	Core Component Area Option ⁰⁹⁰
BUS 3003 Principles of Management	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.

^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