



**AAS in Power Plant Technology to
Bachelor of Applied Arts & Sciences
Guided Pathway
Effective for the 2017-2018 Catalog**



First Year – Tyler Junior College

FIRST SEMESTER (15 SCH)	SECOND SEMESTER (16 SCH)
ENER 1330 – Basic Mechanical Skills for Energy	IEIR 1304 – Alternating Current Circuits for Ind. Applications
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
^c ENGL 1301 – Composition I (010)	^c MATH 1314 – College Algebra (020)
SUMMER (3 SCH)	
ELMT 1380 – Cooperative Education – Electromechanical Technology/Electromechanical Engineering Technology *	

Second Year – Tyler Junior College

It's best to apply to Texas A&M University-Commerce a full semester before transfer and submit a copy of this pathway with your application.

FIRST SEMESTER (13 SCH)	SECOND SEMESTER (13 SCH)
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	^c PHIL 2306 – Introduction to Ethics (040)
^c ECON 2301 – Principles of Macroeconomics * (080)	^c SPCH 1321 – Business & Professional Communication (010)

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 Courses - Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
^c HIST 1301 - U.S. History to 1877	^c HIST 1302 - U.S. History from 1865
^c ANY CREATIVE ARTS CORE	^c ANY LIFE & PHYSICAL SCIENCE CORE
^c ANY LIFE & PHYSICAL SCIENCE CORE	^c ANY DEGREE PATHWAY OPTION
BAAS 301 Principles of Applied Sciences	BAAS 326 Tech Techniques & Solutions

Fourth Year Courses - Texas A&M University-Commerce

FIRST SEMESTER	SECOND SEMESTER
TMGT 458 Project Management	TMGT 350 Principles of Technology Management
BAAS 345 Leadership Techniques	BAAS 445 Ethical Decision Making
BAAS 408 Advanced Problem Solving (Pre-Req BAAS 326)	TMGT 303 Technical Communications
BAAS 351 Financial Tools for Managers (Pre Req BAAS 326)	Upper Level Elective
BAAS 443 Professional Standards	Upper Level Elective

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

Part-time students may also follow this sequence. Developmental coursework may be required and does not count toward degree hours.

* 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).

²Taking both GOVT courses at TJC creates a better alignment.

For questions about the University portion of this guided pathway, contact the Applied Science Academic Advising Office at (903) 886-5155 or Misty.Lair@tamuc.edu.