



BACHELOR OF APPLIED ARTS & SCIENCES
Experience
Discovery
Collaboration
Application

**AAS in Power Plant Technology to
Bachelor of Applied Arts and Sciences
Guided Pathway
2019-2020 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

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SUMMER

ELMT 1380 – Cooperative Education – Electromechanical Technology/Electromechanical Engineering Technology *
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Total semester hours: 3

Second Year – Tyler Junior College

It's best to apply to UNT 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

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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 – University of North Texas

FIRST SEMESTER	SECOND SEMESTER
BAAS 3020 - Inquiry and Discovery	BAAS 3000 – Pathways to Civic Engagement
Fine Arts course (050)	Life and Physical Science (030)
Life and Physical Science (030)	Component Area (090)
MGMT 3720 – Organizational Behavior	MGMT 4470 – Leadership
3XXX-4XXX Concentration 3	3XXX-4XXX Concentration 3

Fourth Year – University of North Texas

FIRST SEMESTER	SECOND SEMESTER
PSCI 2305 – American Gov't: Process & Policies (070)	BAAS 4100 - Managing a 21 st Century Career
HIST 2610 – US History to 1865 (060)	PSCI 2306 - US and Texas Constitutions and Institutions (070)
Component Area 3XXX-4XXX (090)	HIST 2620 – US History since 1865 (060)
MGMT 3850 – Foundations of Entrepreneurship	MGMT 4660 – International Management Perspectives
3XXX-4XXX Concentration 3	3XXX-4XXX Concentration 3

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.

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

Ⓢ This course counts for the Core Curriculum at any public college or university in Texas.

() Course numbers shown in parentheses are equivalent to these courses at UNT.

UNT Concentrations:

In this plan, one Applied Arts and Science concentration is drawn from the community college coursework. A second is shown for illustration, and a third left open. There are many other possible concentrations that can be selected in consultation with your academic advisor.

For questions about the University portion of this degree plan, contact the UNT
Applied Arts and Sciences Unit Office at (940) 369-8129, baas@unt.edu
<http://baas.unt.edu>