



**BACHELOR OF APPLIED ARTS & SCIENCES**  
Experience  
Discovery  
Collaboration  
Application

**AAS in Industrial Maintenance to  
Bachelor of Applied Arts and Sciences  
Guided Pathway  
2019-2020 Catalog**

**First Year – Tyler Junior College**

| FIRST SEMESTER  | SECOND SEMESTER                                     |
|---|---|
| <b>INMT 1305</b> – Introduction to Industrial Maintenance | <b>CBFM 1407</b> – Boiler Operation                 |
| <b>CETT 1302</b> – Electricity Principles                 | <b>HYDR 1301</b> – Rigging & Conveying Systems      |
| <b>INMT 2301</b> – Machinery Installation                 | <b>HYDR 1345</b> – Hydraulics and Pneumatics        |
| <b>ENGL 1301</b> – Composition I                          | <b>PFPB 2308</b> – Piping Standards and Materials   |
| <b>MATH 1314</b> – College Algebra *                      | <b>SPCH 1321</b> – Bus. & Prof. Communication (010) |

Total semester hours: 16

| SUMMER  |
|---|
| <b>INMT 2388</b> - Internship- Manufacturing Technology/Technician* |

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  |
|--|--|
| <b>HART 1407</b> – Refrigeration Principles                | <b>ELPT 2305</b> – Motors and Transformers             |
| <b>ELPT 2319</b> – Programmable Logic Controllers I        | <b>HART 1403</b> – Air Conditioning Control Principles |
| <b>INMT 2303</b> – Pumps, Compressors, & Mechanical Drives | <b>INMT 2345</b> – Industrial Troubleshooting          |
| <b>xxxx x3xx</b> – Government/Political Science Core *     | <b>PHIL 2306</b> – Introduction to Ethics              |

Total semester hours: 13

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**AAS: Industrial Maintenance**

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

**Fourth Year – University of North Texas**

| FIRST SEMESTER                                     | SECOND SEMESTER  |
|--|--|
| <b>Social and Behavioral Sciences (080)</b>        | <b>BAAS 4100</b> - Managing a 21 <sup>st</sup> Century Career  |
| <b>HIST 2610</b> – US History to 1865 (060)        | <b>PSCI 2305</b> – American Gov't: Process & Policies (070) or <b>PSCI 2306</b> - US and Texas Constitutions and Institutions (070) depending on what was already taken. |
| <b>Component Area 3XXX-4XXX (090)</b>              | <b>HIST 2620</b> – US History since 1865 (060)   |
| <b>MGMT 3850</b> – Foundations of Entrepreneurship | <b>MGMT 4660</b> – International Management Perspectives   |
| <b>3XXX-4XXX Concentration 3</b>                   | <b>3XXX-4XXX Concentration 3</b>   |

**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.

c 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](mailto:baas@unt.edu) <http://baas.unt.edu>*