

**First Year – NCTC**

FIRST SEMESTER	SECOND SEMESTER
<b>DFTG 1309</b> – Basic Computer-Aided Drafting	<b>ELPT 1319</b> – Fundamentals of Electricity I
<b>INMT 1305</b> – Intro to Industrial Maintenance	<b>ELPT 1341</b> – Motor Control
<b>HYDR 1345</b> – Hydraulics and Pneumatics	<b>ELPT 2305</b> – Motors and Transformers
<b>INMT 2303</b> – Pumps, Compress. & Mech Drives	<b>ELPT 2319</b> – Programmable Logic Controllers I
SUMMER	<b>TECM 1301</b> – Industrial Mathematics
<b>INMT 2345</b> – Industrial Troubleshooting	

**Second Year – NCTC**

It is best to apply to [University of North Texas](#) 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>ELPT 1325</b> – National Electrical Code I	<b>INMT 2380</b> – Co. Ed. – Manufacturing Tech.
<b>SPCH 1318</b> – Interpersonal Communication*	<b>MATH 1314</b> – College Algebra
<b>OSHT 1320</b> – Energy Industrial Safety	<b>ARTS 1301</b> – Art Appreciation
<b>BMGT 2309</b> – Leadership	<b>BMGT 1327</b> – Principles of Management
<b>ENGL 1301</b> – Composition I	<b>HIST 1301</b> – United States History I

**AAS: Industrial Mechanics**

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>PSCI 1040</b> – American Gov't: Laws & Institutions ( <b>GOVT 2306</b> )	<b>PSCI 1050</b> – American Gov't: Process & Policies ( <b>GOVT 2305</b> )
<b>BIOL 1112</b> – Contemp. Biology* ( <b>BIOL 1408</b> )	<b>BIOL 1132</b> – Environ. Science* ( <b>BIOL 2406</b> )
<b>ENGL 1320</b> – College Writing II ( <b>ENGL 1302</b> )	<b>BAAS 3020</b> – Fundamentals of Inquiry & Discovery
<b>MGMT 3330</b> – Business Communications*	<b>MGMT 3720</b> – Organizational Behavior*
<b>ELECTIVE 3000 or 4000+*</b>	<b>ELECTIVE 3000 or 4000+*</b>

Total Semester Hours: 15

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**Fourth Year – University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
<b>BAAS 3000</b> – Pathways to Civic Engagement	<b>BAAS 4980</b> – Managing a 21 <sup>st</sup> Century Career i
<b>HIST 2620</b> – US History since 1865 ( <b>HIST 1302</b> )	<b>ANTH 3100</b> – American Culture & Society*
<b>PHIL 4200</b> – Science, Technology and Society*	<b>ENGL 2210</b> – Survey World Lit I* ( <b>ENGL 2332</b> )
<b>MGMT 3820</b> – Management Concepts*	<b>MGMT 4170</b> – Employee and Labor Relations*
<b>ELECTIVE 3000 or 4000+*</b>	<b>ELECTIVE 3000 or 4000+*</b>

Total Semester Hours: 15

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

For questions about the UNT portion of this guided pathway,  
Contact the Applied Arts and Science Academic Advising Office at (940) 369-8129 or [baas@unt.edu](mailto:baas@unt.edu).