



AAS. Electronics Technology – Advanced Energy Technician to  
Bachelor of Applied Arts and Sciences  
**Guided Pathway**  
2019-2020 Catalog

**First Year - Tarrant County College District**

| FIRST SEMESTER                                 | SECOND SEMESTER                             |
|--|---|
| MATH 1314(020) – College Algebra <sup>C*</sup> | CETT 1441 – Solid State Circuits            |
| CETT 1409 – DC-AC Circuits                     | CETT 1445 – Microprocessor                  |
| CETT 1449 – Digital Systems                    | ENGL 1301(010) – Composition I <sup>C</sup> |
| RBTC 1401- Programmable Logic Controls         | PTRT 1313 - Industrial Safety               |

**Second Year – Tarrant County College District**

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                                     |
|--|---|
| CETT 2435 – Advanced Microprocessors                     | CSIR 1459 - Digital Data Communication              |
| ELMT 1402 - Solar Photovoltaic Systems*                  | RBTC 1351 – Robotic Mechanisms                      |
| GOVT 2305(080) – Federal Government <sup>C*</sup>        | ARTS 1301 (050) – Art Appreciation <sup>C*</sup>    |
| ELMT 2337 – Electronics Troubleshooting, Service, Repair | WIND 2459 - Wind Power Delivery System*             |
|  | SPCH 1321(010) – Business & Prof Comm <sup>C*</sup> |

**AAS: Electronics Technology – Advanced Energy Technician**

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                                   |
| <sup>C</sup> ENGL 1320 – College Writing II (010) | <sup>C</sup> PSCI 2306 - US and Texas Constitutions and Institutions (070) |
| <sup>C</sup> Social and Behavioral Sciences (080) | <sup>C</sup> Life and Physical Science (030)                               |
| INFO 4306 – Project Management for Info Systems   | INFO 4307 – Knowledge Management Tools & Tech                              |
| 3XXX-4XXX Concentration 3                         | 3XXX-4XXX Concentration 3  |

**Fourth Year - University of North Texas**

| FIRST SEMESTER                                    | SECOND SEMESTER  |
|---|--|
| <sup>C</sup> HIST 2610 – US History to 1865 (060) | BAAS 4100 - Managing a 21 <sup>st</sup> Century Career |
| <sup>C</sup> Component Area Option 3XXX-4XXX      | <sup>C</sup> HIST 2620 – US History since 1865 (060)   |
| <sup>C</sup> Life and Physical Science (030)      | <sup>C</sup> Humanities Course (040)                   |
| INFO 4400 – Evaluation & Dev. Of Info Resources   | INFO 4710 – Information Technology Management          |
| 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.

<sup>C</sup> This course counts for the Core Curriculum at any public college or university in Texas.

**UNT Concentrations:**

This plan illustrates one possible concentration. However, there are other possible concentrations that can be selected in conjunction 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>