



AAS in Electronics Technology – Robotics and Automation to  
 Bachelor of Applied Arts & Sciences Degree  
**Guided Pathway**  
 2017-2018 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	GOVT 2305(070) – Federal Government <sup>C*</sup>
CETT 1449 – Digital Systems	RBTC 1351 – Robotic Mechanisms
RBTC 1401- Programmable Logic Controls	CETT 1445 – Microprocessor

**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
ARTS 1301 (050) - Art Appreciation <sup>C*</sup>	ELMT 2337 – Electronics Troubleshooting, Service, Repair
CETT 2435 – Advanced Microprocessors	ELPT 2455 – Programmable Logic Control II
ENGL 1301(010) – Composition I <sup>C</sup>	RBTC 2445 – Robot Application, Set-Up & Testing (Capstone)
RBTC 1447 – Electro-Mechanical Devices	SPCH 1321(010) – Business & Prof Comm <sup>C*</sup>
HYDR 1345 – Hydraulics and Pneumatics	

**AAS: Electronics Technology – Robotics and Automation**

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
<sup>C</sup> PSCI 2306 – American Gov't: Laws & Institutions (GOVT 2306)	<sup>C</sup> GEOG 1200 – Global Societies (GEOG 1303)
<sup>C</sup> HIST 2610 – US History to 1865 (HIST 1301)	<sup>C</sup> HIST 2620 – US History since 1865 (HIST 1302)
<sup>C</sup> BIOL 1112 – Contemp. Biology* (BIOL 1408)	<sup>C</sup> BIOL 1132 – Environ. Science* (BIOL 2406)
<sup>C</sup> ENGL 1320 – College Writing II (ENGL 1302)	<sup>C</sup> ENGL 2210 – Survey World Lit I* (ENGL 2332)
<sup>C</sup> PHIL 4200 – Science, Technology, and Society*	PACS 3000 – Civic Engagement

**Fourth Year – University of North Texas**

FIRST SEMESTER	SECOND SEMESTER
PACS 3020 – Fundamentals of Inquiry	Choose Specialization Courses w/Advisor <sup>+</sup>
PACS 4050 – Negotiation	Choose Specialization Courses w/Advisor <sup>+</sup>
Choose Specialization Courses w/Advisor <sup>+</sup>	Choose Specialization Courses w/Advisor <sup>+</sup>
Choose Specialization Courses w/Advisor <sup>+</sup>	Choose Specialization Courses w/Advisor <sup>+</sup>
Choose Specialization Courses w/Advisor <sup>+</sup>	Choose Specialization Courses w/Advisor <sup>+</sup>

**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.

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

<sup>+</sup>Students can choose a different specialization and should speak with an advisor about their options. Examples of specializations include, but are not limited to: English as a Second Language (ESL), Leadership Development, Logistical Operations, Aviation Operations, Digital Language Curation, and Computational Logistics.

For questions about the UNT portion of this guided pathway, Contact the BAAS Academic Advising Office at (940) 565-4115.