Electronics Technology at a Glance

Program Description
The Electronics Technology associate of applied science (AAS) program prepares students to work in the field of electronics. Learning opportunities develop academic, technical and professional knowledge and skill required for job acquisition. The program is comprised of a set of core courses in fundamentals of electrical theory, electronic devices, digital concepts, wiring, and avionics systems. Students may then concentrate in three separate areas of electronics technology: radio communications, electronic measurement and instrumentation, or avionics. Program graduates may also receive an Electronics Technology technical certificate in these concentration areas.

Program Start Dates:
This program starts each year in August, however students can start general education courses in August, October, January, March, and June.

Electronics Program Contacts:

**Admission Counselor:**
Marcus Hernandez
mhernandez12@wsutech.edu
316-677-1032

**Academic Advisor:**
Rebekah Prichard
rprichard1@wsutech.edu
316-677-1027

Visit our Campus!
We will cover everything you will need to know about:
- Information about the Aviation Maintenance Technology program
- Assist with completing our WSU Tech application
- Give information about enrollment and the FAFSA application
- Tour of campus and programs

To schedule an appointment, call 316-677-9680 or schedule with this link: https://wsUTechAdvising.as.me/calendarID=2729241.

<table>
<thead>
<tr>
<th>Type of Degree/Certificate</th>
<th>Day/Evening</th>
<th>Length Based on Average Rate of Completion</th>
<th>Hours**</th>
<th>*Cost Tuition Only</th>
<th>Financial Aid Eligible</th>
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</thead>
<tbody>
<tr>
<td>AAS– Electronics Tech– Either the Avionics, Communications, or the Instrumentation Track.</td>
<td>Day</td>
<td>2 years</td>
<td>Hybrid (Online/Day courses: M-F 8am to 12pm)</td>
<td>$16,003</td>
<td>Yes</td>
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<tr>
<td>TC– Electronics Tech– Avionics Track</td>
<td>Day</td>
<td>2 years</td>
<td>Hybrid (Online/Day courses: M-F 8am to 12pm)</td>
<td>$8,931</td>
<td>Yes</td>
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<tr>
<td>TC– Electronics Tech– Communications Track</td>
<td>Day</td>
<td>2 Years</td>
<td>Hybrid (Online/Day courses: M-F 8am to 12pm)</td>
<td>$9,061</td>
<td>Yes</td>
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<tr>
<td>TC– Electronics Track–Instrumentation Track</td>
<td>Day</td>
<td>2 Years</td>
<td>Hybrid (Online/Day courses: M-F 8am to 12pm)</td>
<td>$9,061</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Costs are approximate and subject to change. Costs include Tuition and Student Fees (Books, Tools, and Digital Device not included in amount). Class schedules and availability are subject to change. For the latest information, please visit: https://wsutech.edu/electronics-technology/
Frequently Asked Questions

What is the difference between the Avionics, Communications, and Instrumentation tracks that are available in this program?

Avionics Track: An avionics graduate will install, inspect, and maintain electronic systems most commonly used in General Aviation including those used in electrical distribution systems, communications, navigation, and surveillance. System-level performance of these systems is emphasized and studied using standard avionics test equipment, troubleshooting, and avionics package assembly and operation.

Communications Track: A communications graduate will install, inspect, maintain and repair radio test equipment, two-way radios, microwave systems, telephone systems, and other electronic communication, monitoring and accessory equipment. Both system-level and component-level performance of these systems is emphasized through the use of specialized equipment including RF signal generators, spectrum analyzers, and network analyzers, troubleshooting, and RF communication systems assembly and operation.

Instrumentation Track: An instrumentations graduate will test, calibrate, install, repair, inspect monitoring devices, and perform general maintenance. Both system-level and component-level performance of these systems is emphasized using specialized equipment including electronic sensors and transducers, microcontrollers, signal conditioning circuitry, and data acquisition systems assembly and operation.

Do I become certified after completing this program?

If you are in the Avionics track you will be completing the National Center for Aerospace Transportation Technologies examination (NCATT) that you must pass to become AET certified; however, you can gain employment without being AET certified. We do offer a NCATT Prep course as a part of the Associates degree. The NCATT test can be taken at any point you feel prepared to do so. You can find more information regarding the NCATT exam at [https://www.astm.org/CERTIFICATION/DOCS/217 NCATT_AET_Standard.pdf](https://www.astm.org/CERTIFICATION/DOCS/217 NCATT_AET_Standard.pdf).

If you are completing the Communications or Instrumentation tracks then you will complete the Associate Certified Electronics Technician (CETa) exam. We do offer a CETa Prep course as a part of the Associates degree. The CETa test can be taken at any point you feel prepared to do so. You can find more information regarding the CETa exam at [http://www.cta-i.org/comps/CETa_comps.pdf](http://www.cta-i.org/comps/CETa_comps.pdf).

What wage can someone expect to make with this program?

*According to the Bureau of Labor Statistics, the median average salary for individuals in this field in the state of Kansas in May 2017 are approximately $62,650 annually or $30.12 per hour. The typical entry-level education for this field is a technical certificate, making $18-$20 an hour starting in the industry. The CIP code for this program is 15.0303.


Questions for Our Instructors?

Electronics Technology Instructors

Joseph Varrientos: jvarrientos@wsutech.edu

Are tools required for this program?

No, there are not any tools that will need to be purchased other than what is already built into the cost of the classes. You will not need to purchase a tool kit.