



## Electronic Engineering Technology - General Option A.A.S.

**Advisors – Ayers Campus:** Audrey Webb, Electronics Building (256.835-5460) [awebb@gadsdenstate.edu](mailto:awebb@gadsdenstate.edu);  
 Andrew Robertson, Electronics Building (256.835-5427) [arobertson@gadsdenstate.edu](mailto:arobertson@gadsdenstate.edu)  
**East Broad Campus:** David Barnett, Bevill Center (256.549.8632) [dbarnett@gadsdenstate.edu](mailto:dbarnett@gadsdenstate.edu);  
 Thomas Hartline, Bevill Center (256.549.8634) [thartline@gadsdenstate.edu](mailto:thartline@gadsdenstate.edu)

	<b>STUDENT PROGRESS</b>	
	<u>Grade</u>	<u>Term Completed</u>
<b>Area I — Written Composition: .....</b> 3		
• ENG 101 - English Composition I .....	_____	_____
<b>Area II — Humanities and Fine Arts: .....</b> 3		
• Humanities/Fine Arts** .....	_____	_____
<b>Area III — Natural Science or Mathematics: .....</b> 6		
• INT 104 - Principles of Technology .....	_____	_____
• MTH 100 - Intermediate College Algebra <b>OR</b> numerically higher.....	_____	_____
<b>Area IV — History, Social and Behavioral Sciences: .....</b> 3		
• Economics, Geography, History, Political Science, Psychology, or Sociology.....	_____	_____
<b>Area V — Technical Courses: .....</b> 16		
<b>Required Courses for all options of Electronic Engineering Technology</b>		
• EET 100 - Introduction to Engineering Technologies.....	_____	_____
• EET 103 - DC Fundamentals <b>OR</b> INT 101 - DC Fundamentals .....	_____	_____
• EET 104 - AC Fundamentals <b>OR</b> INT 103 - AC Fundamentals .....	_____	_____
• EET 109 - Electrical Blueprint Reading I.....	_____	_____
• EET 225 - Electronics Communications.....	_____	_____
• ORI 101 - Orientation to College.....	_____	_____
<b>Additional Coursework:.....</b> 45		
• CIS 146 - Microcomputer Applications.....	_____	_____
• * EET 114 - Concepts of Solid State Electronics .....	_____	_____
• * EET 115 - Concepts of Digital Electronics.....	_____	_____
• * EET 116 - Concepts of Electronic Circuits.....	_____	_____
• * EET 119 - Circuit Fabrication I .....	_____	_____
• EET 192 - Installation Practices.....	_____	_____
• EET 195 - Selected Topics in EET <b>OR</b> EET 196 - Selected Topics in EET <b>OR</b> .....	_____	_____
• EET 197 - Selected Topics in EET .....	_____	_____
• EET 207 - Intro to Robotics.....	_____	_____
• EET 208 - Fiber Optics .....	_____	_____
• EET 212 - Intro to Robotics Lab.....	_____	_____
• EET 213 - Process Control and Instrumentation.....	_____	_____
• EET 224 - Elements of Industrial Controls with PLCs.....	_____	_____
• EET 229 - Elements of Industrial Controls with PLCs Lab .....	_____	_____
• EET 234 – Robotic Systems .....	_____	_____
• EET 238 - Process Control and Instrumentation Lab.....	_____	_____



**STUDENT PROGRESS**

	<u>Grade</u>	<u>Term Completed</u>
• EET 239 – Robotic Systems Lab ..... 2	_____	_____
• EET 249 – CET Preparation ..... 3	_____	_____
• EET 252 - Electronic Service Lab ..... 1	_____	_____
• EET 254 - Microcomputer Systems Basic I ..... 3	_____	_____
• EET 255 - Microcomputer Systems Basic I Lab ..... 2	_____	_____
• EET 256 - Microcomputer Systems Advanced I ..... 3	_____	_____
• EET 257 - Microcomputer Systems Advanced I Lab ..... 2	_____	_____
• * EET 260 - Microprocessors Interfacing ..... 3	_____	_____
• * EET 261 - Microprocessors Interfacing Laboratory ..... 1	_____	_____
• EET 262 - Industrial Automation Project ..... 3	_____	_____
• EET 276 - Elements of Industrial Controls with PLCs II ..... 3	_____	_____
• EET 277 - Elements of Industrial Controls with PLCs II Lab ..... 2	_____	_____
• EET 281 - Special Topics in Electronic Engineering Technology ..... 3	_____	_____
• EET 290 - Electronics Project ..... 3	_____	_____
• EET 294 - Co-Op Education ..... 3	_____	_____
• DDT 104 - Basic Computer Aided Drafting and Design <b>OR</b> MDT 105 - Introduction to Computer-Aided Design (CAD) ..... 3	_____	_____
• SPH 106 - Fundamentals of Oral Communication ..... 3	_____	_____

**\*Required Courses**

**Total Hours Required for Degree:..... 76**

**NOTICE(s):** For the A.A.S. Degree in Electronic Engineering Technology, General Option, the student must complete a minimum of 76 credit hours – a minimum of 61 in technical courses and a minimum of 15 in general education courses – all of which must be approved by the advisor. A maximum of 9 credit hours of technical electives may be selected from any approved area of Engineering Technology programs with prior written approval from the student’s major advisor. Technical courses may vary to meet student need and to provide options. Admission Requirement: High school diploma or GED.

The student is responsible for verifying the transferability of credit in this program to a senior institution with the appropriate senior institution advisor.

**\*\*Note:** Humanities and Fine Arts disciplines include but are not limited to the following: Literature, Ethnic Studies, Art and Art History, Foreign Language Literature, Music and Music History, Philosophy, Ethics, Religious Studies, Theater, and Dance.