GADSDEN STATE
COMMUNITY COLLEGE

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

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STUDENT PROGRESS

	Grade	Term Completed
Area I — Written Composition: 3		
• ENG 101 - English Composition I 3	_____	_____
Area II — Humanities and Fine Arts: 3		
• Humanities and Fine Arts Elective** 3	_____	_____
Area III — Natural Science or Mathematics: 6		
• INT 104 - Principles of Technology... 3	_____	_____
• MTH 100 - Intermediate College Algebra **OR** numerically higher... 3	_____	_____
Area IV — History, Social and Behavioral Sciences: 3		
• Economics, Geography, History, Political Science, Psychology, or Sociology............................... 3	_____	_____
Area V — Technical Courses: 16		
Required Courses for all options of Electronics Engineering Technology		
• EET 100 - Introduction to Engineering Technologies................. 3	_____	_____
• EET 103 - DC Fundamentals **OR** INT 101 - DC Fundamentals 3	_____	_____
• EET 104 - AC Fundamentals **OR** INT 103 - AC Fundamentals 3	_____	_____
• EET 109 - Electrical Blueprint Reading I.................................... 3	_____	_____
• EET 225 - Electronics Communications..................................... 3	_____	_____
• ORI 101 - Orientation to College... 1	_____	_____
Additional Coursework:…………………………………………...…..45		
• CIS 146 - Microcomputer Applications...................................... 3	_____	_____
• * EET 114 - Concepts of Solid State Electronics 5	_____	_____
• * EET 115 - Concepts of Digital Electronics............................ 5	_____	_____
• * EET 116 - Concepts of Electronic Circuits............................ 5	_____	_____
• * EET 119 - Circuit Fabrication I 1	_____	_____
• EET 192 - Installation Practices.. 3	_____	_____
• EET 195 - Selected Topics in EET **OR**		
• EET 196 - Selected Topics in EET **OR**		
• EET 197 - Selected Topics in EET 1-3	_____	_____
• EET 207 - Intro to Robotics.. 3	_____	_____
• EET 208 - Fiber Optics 3	_____	_____
• EET 212 - Intro to Robotics Lab... 2	_____	_____
• EET 213 - Process Control and Instrumentation........................ 3	_____	_____
• EET 224 - Elements of Industrial Controls with PLCs................ 3	_____	_____
• EET 229 - Elements of Industrial Controls with PLCs Lab........ 2	_____	_____
• EET 230 - Communications Basics 3	_____	_____
• EET 231 - Communications Basics Laboratory 1	_____	_____

	Grade	Term Completed

- EET 238 - Process Control and Instrumentation 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 **OR**
  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.