



## Automotive Electrical/Electronic System Certificate (AE41)- 9 Credit Hours

### Program Description:

The Automotive Electrical/Electronic Systems Technician certificate program provides students with the knowledge and skills necessary to diagnose, service, and repair basic electrical/electronic automotive systems as an entry level technician. Topics covered include automotive shop safety, electrical theory and circuit diagnosis, automotive batteries, starting and charging systems, instrumentation, lighting, and various vehicle accessories. Graduates may find employment as automotive electrical diagnostic apprentices, technician's helpers, general electrical electronic troubleshooting technicians, and vehicle maintenance technicians. Salaries in this occupation are estimated to range from \$29,270 - \$46,970 per year (BLS.gov May 2022).

### Contact:

**Terry Smith, Instructor**

770-947-7312

terry.smith@westgatech.edu

### Website:

<https://www.westgatech.edu/program-explorer/Installation-Maintenance-Repair/automotive-technology/>

### Pre-Certificate Requirements

#### Program Specific

- Min GPA 2.0
- CEC (Evening) Douglas (Evening) and Lagrange campus
- Automotive courses Fall or Spring start
- State Aid only

### Set the Track, Start the Track, Stay on Track

*Meet with an Advising Coach to Stay on Track. S = Semester; CR = Credit Hours; FA = Fall; SP = Spring; SU = Summer; ALL=any semester*

| ✓ | Grade | Semester 1                                   | S      | CR | Notes & Milestones            |
|---|-------|--|--------|----|-------------------------------|
|   |       | AUTT 1010 Automotive Technology Introduction | FA, SP | 2  | Corequisite: AUTT 1020        |
|   |       | AUTT 1020 Automotive Electrical Systems      | FA, SP | 7  | Corequisite: AUTT 1010        |
|   |       |  |        | 9  | <b>Program Semester Hours</b> |

Always check online <https://www.westgatech.edu/> and meet with your Advising or Faculty Coach to ensure you are viewing the latest and most accurate information.

**Employment Opportunities:** <https://www.westgatech.edu/student-life/career-services/>

**Financial Aid by Program:** <https://www.westgatech.edu/wp-content/uploads/2019/02/WGTC-Available-Aid-By-Program-11-17-2023.pdf>

As set forth in its student catalog, West Georgia Technical College does not discriminate on the basis of race, color, creed, national or ethnic origin, sex, religion, disability, age, political affiliation or belief, genetic information, disabled veteran, veteran of the Vietnam Era, spouse of military member, or citizenship status (except in those special circumstances permitted or mandated by law). The following persons have been designated to handle inquiries regarding the non-discrimination policies: Equity (Title IX) Coordinator, Dean of Students, 770.537.5722, 176 Murphy Campus Blvd., Waco, GA 30182. ADA (Section 504) Coordinator for Students: Career and Student Support Services Manager, 770.824.5245, 176 Murphy Campus Blvd., Waco, GA 30182, for Employees: Human Resources Manager, 770.537.6056, 176 Murphy Campus Blvd., Waco, GA 30182.