



Air Conditioning Technology Diploma (ACT2) – 51 Credit Hours Customized Training Specialization

Program Description:

The Air Conditioning Technology diploma program is a sequence of courses that prepares students for careers in the air conditioning industry. Learning opportunities develop academic, occupational, and professional knowledge and skills required for job acquisition, retention, and advancement. The program emphasizes a combination of air conditioning theory and practical application necessary for successful employment.

Contact:

Greg Abbott, Program Chair
770.838.2581
greg.abbott@westgatech.edu
Billy Garner, Instructor
706-756-4656
billy.garner@westgatech.edu

Website:

<https://www.westgatech.edu/program-explorer/air-conditioning-technology/>

| Pre-Diploma Requirements | | | | | |
|---|-------|--|-------|-----------|-------------------------------|
| Program Specific | | | | | |
| <ul style="list-style-type: none"> Min GPA 2.0 Carrollton and LaGrange Prerequisites – Minimum Grade of C required. Students starting the diploma in the summer will begin with AIRC 1030 and AIRC 1040 due to contact hour requirements. Only two courses can be taken during a summer semester. All certificate options are only available during the fall and spring semesters. Students are encouraged to take two core courses during the summer term. | | | | | |
| Set the Track, Start the Track, Stay on Track | | | | | |
| <i>Meet with an Advising Coach to Stay on Track. S = Semester; CR = Credit Hours; FA = Fall; SP = Spring; SU = Summer; ALL=any semester</i> | | | | | |
| ✓ | Grade | Semester 1 | S | CR | Notes & Milestones |
| | | AIRC 1005 Refrigeration Fundamentals | FA SP | 4 | |
| | | AIRC 1010 Refrigeration Principles and Practice | FA SP | 4 | |
| | | AIRC 1020 Refrigeration System Components | FA SP | 4 | Corequisite: AIRC 1010 |
| | | | | 12 | Program Semester Hours |
| ✓ | Grade | Semester 2 | S | CR | Notes & Milestones |
| | | MATH 1012 Foundations of Mathematics | ALL | 3 | |
| | | AIRC 1030 HVACS Electrical Fundamentals | ALL | 4 | |
| | | AIRC 1040 HVACR Electrical Motors | ALL | 4 | Corequisite: AIRC 1030 |
| | | AIRC 1050 HVACR Electrical Components and Controls | ALL | 4 | |
| | | | | 15 | Program Semester Hours |

| ✓ | Grade | Semester 3 | S | CR | Notes & Milestones |
|--|-------|---|-----|-----------|---------------------------------------|
| | | ENGL 1010 Fundamentals of English I | ALL | 3 | |
| | | EMPL 1000 Interpersonal Relations and Professional Development | ALL | 2 | |
| | | AIRC 1060 Air Conditioning Systems Application and Installation | ALL | 4 | |
| | | IDYS 1195 Pumps and Piling Systems | ALL | 3 | |
| | | | | 12 | Program Semester Hours |
| ✓ | Grade | Semester 4 | S | CR | Notes and Milestones |
| | | AIRC 1070 Gas Heat | ALL | 4 | Corequisite: AIRC 1030 |
| | | AIRC 1080 Heat Pumps and Related Systems | ALL | 4 | Prerequisite: AIRC 1010 and AIRC 1030 |
| | | AIRC 1090 Troubleshooting Air Conditioning Systems | ALL | 4 | Prerequisite: AIRC 1010 and AIRC 1030 |
| | | | | 12 | Program Semester Hours |
| 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. | | | | | |

Note: If a course is full or unavailable when you to attempt to register, please select an available course from any term listed below, given you have satisfied the required pre-requisite.

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

Financial Aid by Program: <https://www.westgatech.edu/wp-content/uploads/2019/02/Available-Financial-Aid-by-Program.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.