



Air Conditioning Technology Diploma (ACT2) – 51 Credit Hours SPRING START

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.

Students starting the diploma in the Summer will take General Education courses only. All certificate options are only available during the Fall and Spring semesters. If you miss or fail to complete a course, you will wait until the course is offered again.

Contact:

Greg Abbott, Program Director
770.838.2581

greg.abbott@westgatech.edu

Billy Garner, Instructor

706-756-4565

billy.garner@westgatech.edu

Website:

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

Campus:

Carroll and LaGrange

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 | Spring Semester 1 | S | CR | Notes & Milestones |
|---|-------|--|-----|-----------|---|
| ✓ | | MATH 1012 Foundations of Mathematics | ALL | 3 | Prerequisites must be passed with a "C" or higher |
| | | ENGL 1010 Fundamentals of English | ALL | 3 | |
| | | EMPL 1000 Interpersonal Relations and Professional Development | ALL | 2 | |
| | | | | 8 | Program Semester Hours |
| | Grade | Summer Semester 2 | S | CR | Notes & Milestones |
| ✓ | | IDYS 1191 Pumps and Piping Systems | SU | 3 | Prerequisites must be passed with a "C" or higher |
| | | | | 3 | |
| | | | | | Program Semester Hours |
| | Grade | Fall Semester 3 | S | CR | Notes & Milestones |
| ✓ | | AIRC 1005 Refrigeration Fundamentals | FA | 4 | Prerequisites must be passed with a "C" or higher |
| | | AIRC 1010 Refrigeration Principles and Practice | FA | 4 | |
| | | AIRC 1030 HVACR Electrical Fundamentals | FA | 4 | |
| | | AIRC 1050 HVACR Electrical Components and Controls | FA | 4 | |
| | | | | 16 | Program Semester Hours |

| ✓ | Grade | Spring Semester 4 | S | CR | Notes & Milestones Prerequisites must be passed with a "C" or higher |
|--|-------|---|----|-----------|---|
| | | AIRC 1020 Refrigeration System Components | SP | 4 | Corequisite AIRC 1010 |
| | | AIRC 1040 HVACR Electrical Motors | SP | 4 | Corequisite AIRC 1030 |
| | | AIRC 1060 Air Conditioning Systems Application and Installation | SP | 4 | Corequisite: AIRC 1010, AIRC 1030 |
| | | AIRC 1070 Gas Heat | SP | 4 | Corequisite: AIRC 1030 |
| | | | | 16 | Program Semester Hours |
| ✓ | Grade | Summer Semester 5 | S | CR | Notes & Milestones Prerequisites must be passed with a "C" or higher |
| | | AIRC 1080 Heat Pumps and Related Systems | SU | 4 | Prerequisite: AIRC 1010, AIRC 1030 |
| | | AIRC 1090 Troubleshooting Air Conditioning Systems | SU | 4 | Prerequisite: AIRC 1010, AIRC 1030 |
| | | | | 8 | 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: Classes are only offered in this order. If students skip a class or fail a class, they will have to wait until the class is offered again in the lockstep rotation. Core class order is optional based on availability, but maintaining full-time status for each semester should be taken into consideration for financial aid benefits.

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

Financial Aid by Program: <https://www.westgatech.edu/financial-aid/types-of-aid/>

As set forth in its student catalog, West Georgia Technical College complies with the Technical College System of Georgia (TCSG). The TCSG State Board prohibits discrimination on the basis of an individual's age, color, disability, genetic information, national origin, race, religion, sex, or veteran status ("protected status"). No individual shall be excluded from participation in, denied the benefits of, or otherwise subjected to unlawful discrimination, harassment, or retaliation under, any TCSG program or activity because of the individual's protected status; nor shall any individual be given preferential treatment because of the individual's protected status, except the preferential treatment may be given on the basis of veteran status when appropriate under federal or state law. The following person(s) has been designated to manage inquiries regarding the nondiscrimination policies: Equity (Title IX) Coordinator: Melinda Hofius, Assistant Vice President of Student Affairs 770.537.5722, 176 Murphy Campus Blvd., Waco, GA 30182; ADA (Section 504) Coordinators: Students: Zelma Jones, Career and Student Support Services Director, 770.824.5245, 176 Murphy Campus Blvd., Waco, GA 30182, Student504@westgatech.edu, Employees: Teresa Jiles, Assistant Director of Human Resources, 770.537.6056, 176 Murphy Campus Blvd., Waco, GA 30182, wgtcHR@westgatech.edu.