



Air Conditioning Technology Diploma (ACT2) – 51 Credit Hours

SPRING START - NIGHT CLASSES

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

- Min GPA 2.0
- Carrollton and LaGrange
- Prerequisites – Minimum Grade of C required.
- 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.

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
		AIRC 1005 Refrigeration Fundamentals	SP	4	
		AIRC 1010 Refrigeration Principles and Practice	SP	4	
		AIRC 1020 Refrigeration System Components	SP	4	Corequisite: AIRC 1010
		MATH 1012 Foundations of Mathematics	ALL	3	
				15	Program Semester Hours
✓	Grade	Summer Semester 2	S	CR	Notes & Milestones
		ENGL 1010 Fundamentals of English	ALL	3	
		EMPL 1000 Interpersonal Relations and Professional Development	ALL	2	
				5	Program Semester Hours

✓	Grade	Fall Semester 3	S	CR	Notes & Milestones
		AIRC 1030 HVACR Electrical Fundamentals	FA	4	
		AIRC 1040 HVACR Electrical Motors	FA	4	Corequisite: AIRC 1030
		AIRC 1050 HVACR Electrical Components and Controls			
		AIRC 1070 Gas Heat	FA	4	Corequisite: AIRC 1030
				12	Program Semester Hours
✓	Grade	Spring Semester 4	S	CR	Notes and Milestones
		AIRC 1060 Air Conditioning Systems Application and Installation	SP	4	
		IDYS 1195 Pumps and Piping Systems	SP	3	
				7	Program Semester Hours
✓	Grade	Summer Semester 5	S	CR	Notes and Milestones
		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 in consideration for financial aid benefits.

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 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, Dean of Students 770.537.5722, 176 Murphy Campus Blvd., Waco, GA 30182; ADA (Section 504) Coordinators: Students: Zelma Jones, Career and Student Support Services Manager, 770.824.5245, 176 Murphy Campus Blvd., Waco, GA 30182, Student504@westgatech.edu, Employees: Teresa Jiles, Human Resources Manager, 770.537.6056, 176 Murphy Campus Blvd., Waco, GA 30182, wgtcHR@westgatech.edu.