



## Air Conditioning Technology Diploma (ACT2) – 51 Credit Hours SUMMER 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:**

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**Website:**

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

**Campus:**

Carroll and LaGrange campus

### 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	Summer 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	
				<b>8</b>	<b>Program Semester Hours</b>
✓	Grade	Fall Semester 2	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	
				<b>16</b>	<b>Program Semester Hours</b>
✓	Grade	Spring Semester 3	S	CR	Notes & Milestones
		AIRC 1020 Refrigeration System Components	SP	4	Prerequisites must be passed with a "C" or higher
		AIRC 1040 HVACR Electrical Motors	SP	4	
		AIRC 1060 Air Conditioning Systems Application and Installation	SP	4	
		AIRC 1070 Gas Heat	SP	4	
				<b>16</b>	

Certificate Completed: Air Conditioning Electrical/  
Air Conditioning Technician/ Heating and Air  
Conditioning Installation Technician

✓	Grade	Summer Semester 4	S	CR	Notes and Milestones Prerequisites must be passed with a "C" or higher
		AIRC 1080 Heat Pumps and Related Systems	SU	4	Prerequisite AIRC 1010, 1030
		AIRC 1090 Troubleshooting Air Conditioning Systems	SU	4	Prerequisite AIRC 1010, 1030
		IDYS 1191 Pumps and Piping Systems	SU	3	<i>Certificate Completed: Air Conditioning Repair Specialist</i>
				<b>11</b>	<b>Program Semester Hours</b>
Always check online <a href="https://www.westgatech.edu/">https://www.westgatech.edu/</a> 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/>

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