

# Air Conditioning Technology

## Diploma Program

### ACT2

Updated: 3/01/2016  
Effective Term: 201616

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Admissions Requirements, and Financial Aid.](#)

## Curriculum

### Basic Skills – Total of 8 Hours

- ENGL 1010 *Fundamentals of English I* (3)
- EMPL 1000 *Interpersonal Relations* (2)
- MATH 1012 *Foundations of Mathematics* (3)

### Program-Specific Core – Total of 43 Hours

- AIRC 1005 *Refrigeration Fundamentals* (4)
- AIRC 1010 *Refrigeration Principles/Practices* (4)
- AIRC 1020 *Refrigeration Systems Components* (4)
- AIRC 1030 *HVACR Electrical Fundamentals* (4)
- AIRC 1040 *HVACR Electrical Motors* (4)
- AIRC 1050 *HVACR Electrical Comp/Controls* (4)
- AIRC 1060 *AC System Application/Installation* (4)
- AIRC 1070 *Gas Heat* (4)
- AIRC 1080 *Heat Pumps/Related Systems* (4)
- AIRC 1090 *Troubleshooting AC Systems* (4)

### Occupational-Related Elective – Choose 3 Hours

#### Occupational-Related Electives

- COMP 1000 *Introduction to Computers* (3)
- AIRC 2500 *HVACR Internship-Practicum* (4)
- \*Advisor may approve alternative elective based upon individual request.

**Total: 51 Hours**

For more information about our graduation rates, the median debt of students who complete programs, and other important information please visit our website:  
<http://www.laniertech.edu/GE.aspx>

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## Diploma Program

### ACT2

#### 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.

#### Program Specific Information

Students are accepted every semester based on course and space availability.

Diploma candidates must interview with department chair prior to final acceptance into program.

#### Program Certification:

The Air Conditioning Technology program is accredited by:

HVAC Excellence, 1701 Pennsylvania Ave., NW, Washington, DC 20006, Phone 800-394-5268.

#### Industry Certification Preparation:

Completion of the program requires successful completion of the HVAC Excellence industry certification test(s).

This testing includes a fee.

#### Program Length & Availability

3 Semesters

Campus Availability: Oakwood

\*This diploma program offers day classes only.

#### Admissions Requirements

- Must be 16 years of age.
- High school diploma or GED is required prior to admission.  
*(Official transcripts or GED scores must be submitted from all colleges and/or high schools attended for credit.)*
- ACCUPLACER Testing, or submit SAT, ACT, CPE, COMPASS, or ASSET test scores.

#### Financial Aid

This program is eligible for the Pell Grant and may be eligible for Institutional and State Financial Aid.

Contact a Financial Aid Counselor for eligibility requirements and application materials.

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