

Air Conditioning Technology

Associate of Applied Science Degree

ACT3

Curriculum

General Education Core 15

Area I: Language Arts/Communication 3

ENGL 1101 Composition and Rhetoric (3)

Area II: Social/Behavioral Sciences *(Choose ONE course)* 3

ECON 1101 Principles of Economics (3)

HIST 2111 American History I (3)

ECON 2105 Principles of Macroeconomics (3)

HIST 2112 American History II (3)

ECON 2106 Principles of Microeconomics (3)

POLS 1101 American Government (3)

HIST 1111 World History I (3)

PSYC 1101 Introduction to Psychology (3)

HIST 1112 World History II (3)

SOCI 1101 Introduction to Sociology (3)

Area III: Natural Sciences / Mathematics *(Choose ONE course)* 3

MATH 1101 Mathematical Modeling (3)

MATH 1103 Quantitative Skill and Reasoning (3)

MATH 1111 College Algebra (3)

Area IV: Humanities/Fine Arts *(Choose ONE course)* 3

ARTS 1101 Art Appreciation (3)

ENGL 2130 American Literature (3)

HUMN 1101 Introduction to Humanities (3)

MUSC 1101 Music Appreciation (3)

RELG 1101 Introduction to World Religions (3)

Elective: General Education *(Choose ONE course)* 3

*Any Area I, II, III, or IV course above

ENGL 1102 Literature and Composition (3)

SPCH 1101 Public Speaking (3)

BIOL 1111 Biology I (3) + BIOL 1111L Biology I Lab (1)

BIOL 1112 Biology II (3) + BIOL 1112L Biology II Lab (1)

CHEM 1211 Chemistry I (3) + CHEM 1211L Chemistry I Lab (1)

CHEM 1212 Chemistry II (3) + CHEM 1212L Chemistry II Lab (1)

PHYS 1110 Conceptual Physics (3) + PHYS 1110L Conceptual Physics Lab (1)

PHYS 1111 Introductory Physics I (3) + PHYS 1111L Introductory Physics I Lab (1)

PHYS 1112 Introductory Physics II (3) + PHYS 1112L Introductory Physics II Lab (1)

Occupational Courses 51

Required Courses:

COMP 1000 Introduction to Computer Literacy (3)

AIRC 1005 Refrigeration Fundamentals (4)

AIRC 1010 Refrigeration Principles and Practices (4)

AIRC 1020 Refrigeration Systems Components (4)

AIRC 1030 HVACR Electrical Fundamentals (4)

AIRC 1040 HVACR Electrical Motors (4)

AIRC 1050 HVACR Electrical Components and Controls (4)

AIRC 1060 Air Conditioning System Applications and Installation (4)



Curriculum Sheet

- AIRC 1070 Gas Heat (4)
- AIRC 1080 Heat Pumps and Related Systems (4)
- AIRC 1090 Troubleshooting Air Conditioning (4)
- AIRC 2040 Residential System Design (4)
- AIRC 2070 Commercial Refrigeration Design (4)

Total Credit Hour (minimum):

66