

STATIONARY ENGINEER LICENSE PREPARATION CERTIFICATE

17 Semester Credit Hours; Curriculum: 0067

Student will learn how low pressure and high pressure steam boilers work and the procedures for proper boiler operation. They will also learn feed water and water treatment. Students with the field experience required for the Stationary Engineer's License, can take the exam and become Certified Stationary Engineers.

Code	Title	Hours
Courses for a Certificate		
AHR 101	Introduction to Air Conditioning and Refrigeration	4
AHR 104	Introduction to Electricity and Automatic Controls	4
AHR 206	Residential Hot Water Boilers and Hydronics Technology	3
AHR 209	Low Pressure Steam Boilers and Operation	3
AHR 210	High Pressure Steam Boilers and Operation	3
Total Hours		17

Program Learning Outcomes

1. Install system as required by codes of warm air heating, hot water boiler and air conditioning.
2. Locate wiring diagrams and interpret the operating sequence of the system.
3. Calculate heating and cooling loads and size components of residential comfort control systems using ACCA manual.