

Course Syllabus
HVACR 21
Basic Air Conditioning

Course Description: This course is designed to introduce students to air conditioning and refrigeration theory and provide an overview of the skills needed for employment in the industry. Topics introduced include safety, air conditioning system operation and components, brazing, electrical applications, service tools, and equipment.

Instructor: Vic Cafarchia
Phone: 310-660-3593 Ext 3306
Email: vcafarch@elcamino.edu
Office Hours: 7:30-8:00am MW

Text: Refrigeration and Air Conditioning Technology
By: Whitman, Johnston, Tomczyk and Silberstein
7th Edition

Lecture: 8:00-11:20am MW
Lab: 11:30-2:30pm MW

Materials: Pen, Pencil, Paper

SLO Statement: After reading the textbook and participating in class discussions, students will apply their knowledge of appropriate lab practices, concepts and theories placing refrigeration manifold gauges on a window air conditioning unit and check for correct charge of an operating system based on the type of refrigerant used in the system.

Grading:

Attendance	25%
Test & Quizzes	25%
Lab Assignments	25%
Final Exam	25%

Note: If you choose to drop out of class, it will be your responsibility to drop the class or you will given an "F" grade at the end of the semester.