

# Course Syllabus

## Wayne County Community College District

### HVA 112 Refrigerant Recovery, Recl

CREDIT HOURS: 2.00

CONTACT HOURS: 30.00

#### COURSE DESCRIPTION:

Prereq: HVA 101, HVA 102 or HVA 103

In this course emphasis is placed on dehydration, refrigerant, charging, recovery, recycling and reclamation procedures, as well as techniques using a state-of-the-art multiuse recovery/recycling machine. This course provides training required for refrigeration technicians preparing for the EPA approved certification requirements. Also provides the use of electronic multimeters in troubleshooting.

#### EXPECTED COMPETENCIES

Upon successful completion of this course, the student will:

1. Understand the fundamentals of refrigerant recovery, recycling and reclamation procedure, as well as techniques using a state-of-the-art multiuse recovery/recycling machine
2. Prepared for the national EPA approved certification program

#### ASSESSMENT METHODS

Student performance may be assessed by examination, quizzes, case studies, oral reports, group discussion, written reports or presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

#### GRADING SCALE

90%-100% = A

80%-89.9%= B

70%-79.9%= C

60%-69.9%= D

<60% = E