

Course Syllabus

Wayne County Community College District

HVA 102 Hermetic Systems

CREDIT HOURS: 2.00

CONTACT HOURS: 45.00

COURSE DESCRIPTION:

This course covers application, installation and servicing hermetic systems, including domestic refrigerators, freezers, room coolers, water coolers and dehumidifiers.

EXPECTED COMPETENCIES

Upon successful completion of this course, the student will:

1. Properly test and read analog and digital pocket type thermometers
2. Properly disassemble, discuss and reassemble of manifold gauges and properly read pressures on gauges
3. Properly disassemble, reassemble, test and read analog and digital multi-meters, amprobes and ohm meter scale
3. Demonstrate the proper method of installing Top-A-Line valves

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