

Course Syllabus

Wayne County Community College District

HVA 106 Basic Heating

CREDIT HOURS: 4.00

CONTACT HOURS: 75.00

COURSE DESCRIPTION:

Co-req: HVA 107

This course covers fundamentals of heating including comfort standards, heat loss calculations, electric control wiring, servicing components and study of various types of systems. The course also includes local and national codes governing safe design, construction, installation, alteration, service and testing.

EXPECTED COMPETENCIES

Upon successful completion of this course, the student will:

1. Understand fundamentals of heating including comfort standards, heat loss calculations, electric control wiring, servicing components and study of various types of heating systems
2. Demonstrate the knowledge of local and national heating codes governing safe design, construction, installation, alterations, service, and testing

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