



# Wayne County Community College District

## COURSE SYLLABUS

### HVA 215 Boiler Plant Accessories

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**COURSE DESCRIPTION:**

This course covers boiler foundations and supports, safety devices, water walls, headers drum materials, laying up of boilers, heat absorption rates of contamination of various water surfaces, pumps, injectors, regulators, turbines, collectors and various traps, separators and draft regulators. The use of make-up air heat exchangers will be examined. This course provides training necessary for the High Pressure Boiler Operators licensure exam.

**PREREQUISITES:** HVA 200

**EXPECTED COMPETENCIES:**

Upon successful completion of the course, the student will:

- Review and familiarize students with the City of Detroit code as it relates to boiler plant operation
- Review and familiarize students with the City of Detroit High Pressure Boiler Memorandum

**ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral 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