

2024-25 ACADEMIC COURSES

HVA 205 : HYDRONIC SYSTEMS

In this course, students will gain knowledge and skills related to hydronic systems, including steam and hot water boilers. Students will identify major component; students will also analyze and inspect safety and control systems. Students will study the different piping arrays that are used for delivery of heat from a boiler. Electrical wiring of zoning systems is emphasized and practiced. Students remove, inspect and replace boiler components. Students will also learn how to do a heat loss calculation of a residential structure to ensure the boiler is the correct size when updating a system. Level I
Prerequisite: Academic Reading and Writing Levels of 6; HVA 108 minimum grade "C"

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Description	Hours
Credits	4
Lecture Hours	45
Clinical Hours	0
Lab Hours	45
Other Hours	0
Total Hours	90

Accurate as of 06/28/2024 Information is subject to change without notice.