

# HEATING TECHNOLOGY

## PROGRAM DESCRIPTION

The **Heating Technology** program prepares the student with the skills and knowledge used for careers in the heating industry. Students learn how to assemble, maintain, and repair heating systems according to the code specifications of the National Fire Protection Association. The safe and efficient use of tools and materials is stressed as students work in a shop and at a one-week co-op with different types of heating systems. Instruction in the related skills of blueprint reading, mathematics, soldering, and electrical applications is included.

## Career OPPORTUNITIES

Upon successful completion of the program, graduates are eligible to take the **State of Maine journeyman oil burner license examination** and are qualified for employment with heating contractors, fuel oil companies, in maintenance positions, or as sales personnel. Additional experience may provide graduates with opportunities as managers, supervisors, or operators of their own business.

## PROGRAM OUTCOMES

1. Operate and maintain tools and test equipment.
2. Analyze and troubleshoot equipment.
3. Identify and adhere to propane industry standards, safety codes, and regulations.
4. Service and repair heating equipment.
5. Assemble, maintain, and repair heating systems according to code specifications of the National Fire Protection Association.
6. Safely and efficiently use tools and materials required for operation of heating systems.
7. Understand and apply knowledge of blueprint reading, mathematics, soldering, and electrical applications related to heating systems.
8. Demonstrate eligibility to take the State of Maine journeyman oil burner license examination.
9. Qualified for employment with heating contractors, fuel oil companies, in maintenance positions, or as sales personnel.



*Washington County Community College is an equal opportunity/affirmative action institution and employer. For more information; please call Tatiana Osmond, Affirmative Action Officer, at 454-1040*



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# Heating Technology Course Curriculum

## Certificate

36 Credit Hours

Course #	Course Title	Credits
<b>Semester 1</b>		
ENG101	College Composition	3
FYE100	First Year Experience	1
DRG 126	Architectural Drafting and CAD	3
HTG 132	Heating Technology I	12
NGP 110	Basic Principles & Practices for Propane/Natural Gas	1
Total		20
<b>Semester 2</b>		
HTG 123	Electricity in the Oil Heat Industry	3
HTG 153	Heating Technology II	9
HTG 125	introduction to Air Conditioning	1
MAT 106	College Mathematics for Technology	3
Total		16

Cost per credit hour is \$96. For more information visit: <https://wccc.me.edu/admissions-aid/finances/tuition-fees/>  
Financial Aid is available for students who qualify at [www.FAFSA.Ed.Gov](http://www.FAFSA.Ed.Gov) School Code: 009231

Visiting the campus is easy. Contact the Office of Admissions at 207-454-1000 or [wccadmissions@maineccc.edu](mailto:wccadmissions@maineccc.edu) to schedule a time to visit!  
For more program specific information, please contact the program instructor Ethan Hafford, [ehafford@maineccc.edu](mailto:ehafford@maineccc.edu) or 207-454-1072