

PLUMBING TECHNOLOGY

The Plumbing program is designed to provide students with a basic understanding of the tools and materials used by plumbing professionals to complete residential and light commercial plumbing projects.

emcc.edu/plumbing

Graduates of the **Plumbing Certificate program** are eligible to sit for the State of Maine journeyman's Plumbing Examination.

- Students will have opportunities to become proficient in the design, installation, maintenance and repair of standard plumbing systems in accordance with the Maine State Plumbing Code.
- Graduates will have the opportunity to seek employment as service technicians, installers, draftspersons, warehouse workers, and salespersons.

EMCC students enjoy small class sizes, supportive faculty, transferable courses and leadership/engagement opportunities all for under \$4,000/year.

(Most programs, based on 30 credit hours, in-state rate of \$96 per credit hour)



Free Application!
*Scan this code
to apply today.*



 **Eastern Maine
Community College**

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354 Hogan Rd, Bangor, ME 04401 | 207-974-4680 | emcc.edu | #WeAreEMCC

PLUMBING TECHNOLOGY

Certificate

Prerequisites

Certificate: High school level Algebra I required.

1ST SEMESTER (CREDITS)

PLG-101 **Plumbing Technology I** (6)
PLG-111 **Plumbing Technology Lab I** (3)
ENG-101 **College Composition** OR ENG-100 (3)
MAT-110 **Technical Mathematics I** (3)

2ND SEMESTER (CREDITS)

PLG-102 **Plumbing Technology II** (6)
PLG-112 **Plumbing Technology Lab II** (3)
DTG-101 **Plumbing Print Reading** (2)
GEN-130 **Employability Skills** (1)
PSY-211 **Human Relations** OR PSY-101 (3)

▶ **TOTAL CERTIFICATE CREDITS** 30

COURSE DESCRIPTIONS-TECHNOLOGY COURSES

PLG 101 Plumbing Technology I

Introduces students to the Maine State Unified Plumbing Code Chapters 1-6 and the fundamentals of residential and light commercial plumbing emphasizing safety, plumbing math and measuring, soldering copper tubing, and fitting allowances.

PLG 102 Plumbing Technology II

Continues the Maine State Unified Plumbing Code Chapters 7-16 in preparation for the Maine State Journeyman's Plumbing Exam. Topics include fitting identification and use drainage and venting, cast iron and no-hub piping and fittings, and blueprint reading and layout. Prerequisites: PLG 101 and PLG 111

PLG 111 Plumbing Technology Laboratory I

Applies theories gained in PLG 101 adding the assembly, placement and connection of a variety of fixtures, appliance, and water taps. Other applications include various hot water sources and maintenance protocols, water piping and distribution, water heaters/piping, Pex tubing/piping, fitting identification, and piping materials connection options. Co-requisite: PLG 101

PLG 112 Plumbing Technology Laboratory II

Applies theories and skills gained in PLG 102 and PLG 111 building more advanced and complex installations including practical drainage, venting and water distribution projects, black iron pipe threading and safety thread machine, threading projects, and license requirements and responsibilities. Co-requisite: PLG 102

We have TWO residence halls on campus!



Kineo Hall houses students in "blocks" (two double-occupancy rooms with four people of the same gender) or triple-occupancy rooms. Each is individually climate controlled and shares a common bathroom, with double sinks, a shower and a toilet stall.

Acadia Hall houses students in corridor-style double or triple occupancy rooms.

A meal plan is mandatory for anyone living in residential housing on campus.

Studies show that students who live on campus not only tend to have higher GPA's, but they are also more likely to complete their education and get more out of their college experience.



Visit www.emcc.edu/housing to learn more.
Apply early, space is limited!

Still in high school? Concurrent enrollment agreements with many high schools and technical education centers are available. Information can be found online at:

www.emcc.edu/academics/programs/early-college



Did you graduate from high school in 2020, 2021, 2022, or 2023 or will be graduating in 2024 or 2025?

Then you may qualify for the Maine Free College Scholarship at EMCC!

Did you know EMCC has its own foundation?

Each year, our Foundation gives out over \$100,000 in scholarships to EMCC students. Visit emcc.edu/foundation to learn more and apply.

CAMPUS TOURS AVAILABLE

Call 207.974.4780 or scan this QR code to schedule an appointment!



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