

PLUMBING TECHNOLOGY


 Eastern Maine
Community College

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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.



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)



CAMPUS TOURS AVAILABLE

Call 207.974.4870 or schedule an appointment on our website.

www.emcc.edu/plumbing

Prerequisites

Certificate: High school level Algebra I required.

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/



PLUMBING TECHNOLOGY Certificate

1ST SEMESTER CREDITS

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

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

LIVE ON CAMPUS



Did you know that EMCC has TWO residence halls on campus?

Built in 2007, 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.

Rooms range from \$1,850 - \$2,250 per semester.

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!

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** (3)

▶ **TOTAL CERTIFICATE CREDITS** 30

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