Plumbing Technology Program Description

Industry Description

Plumbers work in a variety of plumbing situations, repair plumbing, residential remodeling, new construction and commercial construction. Techniques and design, the ability to read and understand plans, good diagnostic skills, and installation procedures require good thinking and reasoning skills and a knowledge of plumbing codes. Some apprentices will specialize in one of the plumbing fields. Lab work includes: soldering, brazing, welding, pipe threading, fitting identification, gluing, and cutting pipe.

Wages /Outlook/Advancement

Wage information is available from the Minnesota Department of Education and the Minnesota Department of Employment and Economic Development

Experienced plumbers and pipe fitters may become supervisors for plumbing contractors. Others go into business for themselves.

Program Description

The Plumbing Technology diploma program includes technical and general education components. The diploma provides the skill training for trade entry plus an RPZ certification and apprentice license.

Lecture, demonstrations and lab work will be performed at Anoka Technical College and at offsite projects with contractors. Important hands-on experience is gained in the lab and with local contractors.

IMPORTANT ACCUPLACER Test Requirement: ACCUPLACER testing in math, reading and writing. Any needed developmental courses must be completed before receiving a diploma or an A.A.S. award.

Program Essentials

Length of Program

Diploma	37 credits

Start Dates

Fall Semester	August
Spring Semester	January

Program Contact

John Manship
Phone (763) 576-4780
E-mail jmanship@anokatech.edu

For information on how to apply or to schedule a campus tour please contact the Admissions Office
Phone (763) 576-4850, E-mail info@anokatech.edu

Plumbing Technology
Diploma 37 Credits

General Education		**5 Credits**
COMP1002	Computer Technologies for Communication	2
SPCH1200	Interpersonal Communications	3

Technical Education		**32 Credits**
PLMB1010	Introduction to Plumbing	4
PLMB1020	Customer Care	2
PLMB1030	Plumbing Materials and Tools	3
PLMB1060	Pipe Installation and Support	3
PLMB1082	Job Safety	4
PLMB1090	Commercial Theories	3
PLMB1120	Residential Theories	4
PLMB1150	System Designs	3
PLMB1185	Potable Water Protection	4
PLMB1190	Internship	2