

St Cloud Technical and Community College Plumbing Schedule

There will be a tool day during the first week of school,
– appr - \$700-\$750.

Course ID	Course Name	Section	Cr	Semester	
000084	Piping Procedures I	PLBG1504.01	5	Full	
000085	Plumbing Calculations I	PLBG1508.01	4	Full	
000086	MN State Code I	PLBG1510.01	3	Full	
000087	Blueprint Reading/Est	PLBG1518.01	4	Full	
	Human Relations for a Diverse Workplace / Elective for Diploma	DVRS ENGL	3		Or AAS courses

Hour	Monday	Tuesday	Wednesday	Thursday	Friday
7 a.m.					
8 a.m.	1508	1508	1508	1508	
9 a.m.	1510	1510	1518	1508	
10 a.m.	1518	1504	1518	1508	
11 a.m.	1518	1504	1518	1504	
12 p.m.	Lunch Office	Lunch Office	Lunch Office	Lunch Office	
1 p.m.	1518	1504	1510	1504	
2 p.m.	1518	1504	1504	1504	
3 p.m.					

Semester: Fall, 2023
Phone: 308-5079

Instructor's Name: Steve Gilmore
Email: sgilmore@sctcc.edu

Plumbing, Shop Management AAS - 60 Credits

Suggested Technical Studies Semester I		
<u>PLBG1504</u>	Piping Procedures I	5 Credits
<u>PLBG1508</u>	Plumbing Calculations I	4 Credits
<u>PLBG1510</u>	Minnesota State Plumbing Code I	3 Credits
<u>PLBG1518</u>	Blueprint Reading and Estimating I	4 Credits
Suggested Technical Studies Semester II		
<u>PLBG1514</u>	Minnesota State Plumbing Code II	3 Credits
<u>PLBG1520</u>	Blueprint Reading and Estimating II	3 Credits
<u>PLBG1524</u>	Plumbing Calculations II	3 Credits
<u>PLBG1530</u>	Piping Procedures II	3 Credits
<u>PLBG1538</u>	Plumbing Internship	2 Credits
<u>PLBG1544</u>	Career Planning/Customer Relations	1 Credits
Technical Electives		
	Technical Electives	9 Credits
General Education		
<u>CMST1320</u>	Intro to Communication Studies	3 Credits
<u>ENGL1302</u>	Analytical Writing	4 Credits
	MNTC Goal Area 6 Humanities	3 Credits
	MNTC Goal Area 4 Mathematics and Logic	3 Credits
	MNTC Goal Area 5 Social Sciences	3 Credits
	MNTC General Education Electives	4 Credits

Estimated cost for books and supplies: \$2,150

Plumbing Diploma – 37 Credits

Suggested Technical Studies Semester I		
<u>PLBG1504</u>	Piping Procedures I	5 Credits
<u>PLBG1508</u>	Plumbing Calculations I	4 Credits
<u>PLBG1510</u>	Minnesota State Plumbing Code I	3 Credits
<u>PLBG1518</u>	Blueprint Reading and Estimating I	4 Credits
Suggested Technical Studies Semester II		
<u>PLBG1514</u>	Minnesota State Plumbing Code II	3 Credits
<u>PLBG1520</u>	Blueprint Reading and Estimating II	3 Credits
<u>PLBG1524</u>	Plumbing Calculations II	3 Credits
<u>PLBG1530</u>	Piping Procedures II	3 Credits
<u>PLBG1538</u>	Plumbing Internship	2 Credits
<u>PLBG1544</u>	Career Planning/Customer Relations	1 Credits
General Education/Studies		
<u>DVRS1310</u>	Human Relations for a Diverse Workplace	3 Credits
	General Studies - Electives	3 Credits

Estimated cost for books and supplies: \$1,600

**SCTCC Plumbing Program
Hand Tool List
3/2023**

Instructions: The majority of the hand tools on this list can be purchased at Goodin. We will have a tool day on the first day of class where I will go over all of the tools. Name brand tools that are American made are always better than no name foreign made products. Quality tools are a good value cheap tools still cost a fair amount and won't last or work well in the plumbing trade.

Description	Part #
_____ Slip Joint pliers 10 inch	
_____ Slip Joint pliers 12 inch	
_____ Claw Hammer	
_____ Allen Wrenches 12 pc.	
_____ Sioux chief hand saw	
_____ 6 in one screwdriver	
_____ 9 inch torpedo level	Malco L9M
_____ Utility Knife	
_____ #15 Ridgid tubing cutter	
_____ Mini tubing cutter	
_____ Pencil type pipe reamer	
_____ Propane / Mapp gas torch tip	Turbo torch TX 504 or Turbo torch TX 503
_____ Propane bottle	
_____ Mapp gas bottle	
_____ Hollow shaft nut drivers	
_____ ¾ inch fitting brush	
_____ ½ inch fitting brush	

- _____ Pex tubing cutter
- _____ 25 foot tape measure
- _____ 6 inch adjustable wrench
- _____ 8 inch adjustable wrench
- _____ 10 inch adjustable wrench
- _____ ¾ inch wood chisel
- _____ Cats paw nail puller
- _____ 1 ¼ inch putty knife
- _____ Basin Wrench
- _____ Safety glasses **Ansi Std. Z87.1**
- _____ Hard hat **Ansi Std. Z89.1**
- _____ Reflective safety vest

ADDITIONAL TOOLS NEEDED FOR SPRING SEMESTER ONLY

- _____ 14 inch pipe wrenches (Qty 2) Recommend Aluminum