

**Plumbing Level 1 2021-2022
Course Syllabus**

WEEKS 1 – 12

Tools for Success, 3rd Edition (TFS)

2021 International Plumbing Code (IPC)

2018 Vermont Plumbing Safety Rules (VPSR)

NCCER Plumbing Level 1 Trainee Guide, 4th Edition (NCCER)

2021 International Plumbing Code (IPC) is referenced when a code article is used in NCCER

WEEK	CONTENT	MATERIALS USED	ASSIGNMENT(S) <i>Numbers next to assignment title reflects the number of questions to be completed</i>
	Diversity/Harassment Awareness Training Orientation/Introduction of Program Apprenticeship Application (VDOL)	Canvas VDOL Outreach	CANVAS MODULE: DIVERSITY/HARASSMENT AWARENESS TRAINING CANVAS MODULE: 21-22 APPRENTICESHIP ORIENTATION
	Diversity/Harassment Awareness Training Follow-Up	TFS (Module 5 &12)	
	Introduction to the Plumbing Profession	NCCER (Module 1)	NCCER MODULE 1 (15)
	Construction/Plumbing Safety	NCCER (Module 2)	NCCER MODULE 2 (35)
	Tools of the Plumbing Trade	NCCER (Module 3)	NCCER MODULE 3 (30)
	Introduction to Plumbing Math	NCCER (Module 4)	NCCER MODULE 4 (29)
	Introduction to Plumbing Drawings	NCCER (Module 5)	NCCER MODULE 5 (25)
	First Impressions	TFS (Module 1)	
	Professionalism: Keeping Your Job	TFS (Module 2)	
	Building a Strong Relationship with Your Supervisor	TFS (Module 3)	
	Teamwork: Getting Along with Your Co-Workers	TFS (Module 4)	
	Communication Skills I: Listening and Speaking	TFS (Module 6)	
	Midterm Exam Review	NCCER (Modules 1-5) TFS (Modules 1-6, 12)	REVIEW PREVIOUS ASSIGNMENTS

	Midterm Exam	Standardized Exam Reviewing Weeks 1-12 Material Covered	CANVAS EXAM (3.5 HOURS TO COMPLETE – 1 ATTEMPT)
<p>WEEKS 13-24</p> <p>Tools for Success, 3rd Edition (TFS) 2021 International Plumbing Code (IPC) 2018 Vermont Plumbing Safety Rules (VPSR) NCCER Plumbing Level 1 Trainee Guide, 4th Edition (NCCER) <i>**2021 International Plumbing Code (IPC) is referenced when a code article is used in NCCER**</i></p>			
WEEK	CONTENT	MATERIALS USED	ASSIGNMENT(S)
	Math Review		
	Resolving Conflict	TFS (Module 10)	
	Giving & Receiving Criticism	TFS (Module 11)	
	Substance Abuse	TFS (Module 13)	
	Plastic Pipe and Fittings	NCCER (Module 6)	NCCER MODULE 6 (25)
	Copper Tube and Fittings	NCCER (Module 7)	NCCER MODULE 7 (20)
	Cast-Iron Pipe and Fittings	NCCER (Module 8)	NCCER MODULE 8 (25)
	Carbon Steel Pipe and Fittings	NCCER (Module 9)	NCCER MODULE 9 (20)
	Introduction to Plumbing Fixtures	IPC (Chapter 4) NCCER (Module 10)	NCCER MODULE 10 (20)
	Introduction to Drain, Waste & Vent (DWV) Systems	IPC (Chapter 7-9) NCCER (Module 11)	NCCER MODULE 11 (20)
	Introduction to Water Distribution Systems	IPC (Chapter 6) NCCER (Module 12)	NCCER MODULE 12 (15)
	Water Heaters (PS 1 – Water Heater Specialist)	IPC (Chapter 5)	
	Final Exam Review	NCCER (Modules 6-12) IPC (Chapters 4-9)	REVIEW PREVIOUS ASSIGNMENTS
	Final Exam	Standardized Exam Reviewing Weeks 13-24 Material Covered	CANVAS EXAM (3.5 HOURS TO COMPLETE – 1 ATTEMPT)