

Plumbing Level 3 2021-2022

Course Syllabus

WEEKS 1 – 12

2021 International Plumbing Code (IPC)

2018 Vermont Plumbing Safety Rules (VPSR)

NCCER Plumbing Level 3 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
	2021 IPC Review How to Find Information Table of Contents Index Definitions	IPC	
	Applied Math Basic Fractions 45 Degree Angles Area Volume Rectangles Cylinders	IPC (306, 308, 605, 701, 702, 704.1, 705, 707) NCCER (Module 1)	NCCER MODULE 1 (30)
	Sizing Water Supply Piping Potable Water Treatment	IPC (CH 5 & 6, 603, 604, Table 604.3-604.5, Appendix E, Table E103.3(2) – E103.3(6), Figure E103.3(3) p147 NCCER (Module 2 & 3)	NCCER MODULE 2 (20) NCCER MODULE 3 (20)
	Backflow Preventers	IPC (312.9.2, 602.3.4, 608, Table 608.1, 608.13-608.17, 610)	
	Water -Service Plumbing	IPC (422) NCCER (Module 9)	NCCER MODULE 9 (25)
	Midterm Exam Review	IPC (306-707) NCCER (Modules 1-3, 9)	REVIEW PREVIOUS ASSIGNMENTS
	Midterm Exam	Standardized Exam Reviewing Weeks 1-12 Material Covered	CANVAS EXAM (3.5 HOURS TO COMPLETE – 1 ATTEMPT)

WEEKS 13-24

2021 International Plumbing Code (IPC)
2018 Vermont Plumbing Safety Rules (VPSR)
NCCER Plumbing Level 2 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)
	Types of Venting Sizing DWV and Storm Systems	IPC (709, Table 709.1, 710, Table 710.1(1)-710.1(2), 712, Ch. 8, 901-906, Table 906.1, 907-909, Table 909.3, 910-912, Table 912.3, 913-916, Table 916.1-916.2, 918, Ch. 10 & 11 NCCER (Modules 4 & 5) Blueprints Isometric Drawings	NCCER MODULE 4 (15)
	Review ALL Waste & Venting Sizing DWV and Storm Systems	IPC (Ch. 7 & 9, 312.2-312.4) NCCER (Modules 4 & 5) Blueprints	NCCER MODULE 5 (10)
	Sewage Pumps and Sump Pumps	IPC (712, Table 712.4.2) NCCER (Module 6)	NCCER MODULE 6 (10)
	Corrosive-Resistant Waste Piping	IPC (Appendix C) NCCER (Module 7)	NCCER MODULE 7 (15)
	Compressed Air	NCCER (Module 8)	NCCER MODULE 8 (20)
	Final Exam Review	IPC (312-Ch.9) NCCER (Modules 4-8)	REVIEW PREVIOUS ASSIGNMENTS
	Final Exam	Standardized Exam Reviewing Weeks 13-24 Material Covered	CANVAS EXAM (3.5 HOURS TO COMPLETE – 1 ATTEMPT)