WTCS Plumbing Core Apprentice Related Instruction (PRI) –

Aligned Model Curriculum with sequential course numbers and descriptive titles (2 credits, 72 hours each)

ATR / Committee Certifies Completion of Apprentice Contract Requirements:

On-the-Job Learning
Work Hours documentation
Satisfactory Reviews
Job Book-Competency Check-off

Satisfaction of Special Provisions
Within 6 year time limit
First Aid Card
CPR (Adult)
Final year:
Plumbing Code Review (47-427-497)
Transition to Trainer (47-455-455)

Completion of 572 Hours PRI
Plumb. Indep Study 50-427-581 (Term 99 for those needing additional time

Completion of 260 hour min. URI:
(Local Aid Code 47 or 50 w/Term 99)
Plumbing Applications (427-550)
Plumbing Service and Repair (427-569)
Plumbing Blueprint Reading (427-557)
Transit and Level
Isometric Drawing
OSHA 10 or 30
Welding

Year 1-Term 1

- Sanitary Drains 1 50-427-751
- Vents and Venting Systems 50-427-752

Year 2–Term 3

- Water Distribution 1 50-427-753
- Water Distribution 2 50-427-754

Year 3-Term 5

- Sanitary Drains 2 50-427-755
- Private On-site Wastewater Treatment Systems (POWTS) 50-427-756

Year 4-Term 7

- Green Plumbing Applications 50-427-757
- Plumbing Advanced Topics / TSA 50-427-758

PRI completion sign-off to Committee

Plumbing Code Review 47-427-497 (54 hrs) unless test out (47-427-499)

ATR/Committee Certifies All Apprenticeship Requirements met; apprentice can take DSPS JP License exam. Apprenticeship Completion is contingent on passing DSPS exam in 6 year period.

Detailed WTCS PLUMBING APPRENTICE CURRICULUM (12-07-2012 Final)

TECHNICAL CORE COURSES *(ALSO KNOWN AS PAID RELATED INSTRUCTION-PRI) 572 HOURS REQUIRED (SHADED-MULTIPLE OPTIONS)*

Suggested Number	*Systemwide Course Title*	*Credits*	*Term*	*Code Topics*	*Curriculumbank.org Units*
50-427-751	Sanitary Drains 1	2	1	SPS 382.10, 382.20, 382.21, 382.30, 382.32, 382.35, 382.37, 382.51, 382.60	Sanitary Drains, Drainage Systems Components and Application
50-427-752	Vents and Venting	2	2	SPS 382.31	Vents and Venting
50-427-753	Water Distribution I	2	3	WI Statutes Chapter 106, 145; SPS 5, 381, 382.40	Water Supply Systems
50-427-754	Water Distribution II	2	4	SPS 382.41, 382.50, 384., 384.20, 382.22, 382.70, NFPA 13D	Cross Connection Control, Water Treatment, Multi Purpose Piping
50-427-755	Sanitary Drains 2	2	5	SPS 382.36, 382.365, 382.33, 382.34, 382.37, 382.38, SPS 385	Stormwater and Clearwater Plumbing Systems, Drainage Systems Comp.and Application
50-427-756	POWTS	2	6	SPS 383, Design Manuals	POWTS + learning materials
50-427-757	Green Plumbing	2	7	SPS 382.37, 382.70, 384	Plumbing Green Applications (Instructor and Student Guide)
50-427-758	Plumbing Advanced Topics	2	8	Summative evaluation: applied project SPS 383.70, 382.20, 382.386, 387	Applied Plumbing Project (WIP)

REQUIRED SPECIAL PROVISIONS *(NIGHT SCHOOL / UNPAID RELATED INSTRUCTION / RECOMMENDED ELECTIVES) 260 HOURS REQUIRED*

Course #	*Systemwide Course Title*	*Credits*	*Term*	*Curriculumbank.org Units*
50-427-550	Plumbing Applications	1	99	Plumbing Applications
50-427-557	Plumbing Blueprint Reading	1	99	Blueprint Reading
50-427-569	Plumbing Service & Repair	1.5	99	Plumbing Service and Repair
Local courses	*Note: All URI can be offered as Aid Code 47 Voc Adult*			
50-442-xxx	Welding	1	99	Local course
50-427-xxx	Builders Level for Plumbers	.75	99	Local course
50-427-xxx	Isometric Interpretation and Drawing	.5 to 1.0	99	Local course
50-427-xxx	Customer Quality Focus	.75	99	Local course
50-531-xxx	First Aid / CPR	.25	99	Local course
	Additional final year completion requirements			*Required Special Provisions*
47-427-497	Plumbing Code Review	1.5		*Not posted: Instructors Share Copies*
47-455-455	Transition-to-Trainer	.25		Transition to Trainer