

TROUBLESHOOTING LEAKS-ONLINE Course Code 1591

II. Course Outline

Resources - downloads Computer requirements/ course outline (3 pgs.) Course navigation (5 pgs.) Course manual (66 pgs.) Tech sheets (3 pgs.) Student tips (1 pg.)

Chapter 1, 2 Intro and Safety

Chapter 1, 2 presentation (18:12)
Safety quiz (14 questions)

Chapter 3 Hydraulics

	Chapter 3A presentation (21:20)
	Chapter 3B presentation (18:47)
\bigcirc	Chapter 3 quiz (14 questions)

Chapter 4 The Plumbing

	Chapter 4A presentation (30:07)
	Chapter 4B presentation (23:22)
	Chapter 4C presentation (20:41)
\bigcirc	Chapter 4 guiz (14 guestions)

Indicates free preview available to student prior to course sign up2024 update

Chapter 5 Diagnostic

	Chapter 5A presentation (20:14)
	Chapter 5B presentation (20:03)
	Chapter 5C presentation (24:54)
	Chapter 5D presentation (21:49)
\bigcirc	Chapter 5 quiz (14 questions)

Chapter 6 The Fix

	Chapter 6A presentation (23:58)
	Chapter 6B presentation (24:10)
	Chapter 6C presentation (28:44)
\bigcirc	Chapter 6 quiz (14 questions)

Course review/ Final exam

Final exam presentation (20:29)
Final exam diagram and info
Final exam (12 questions)

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III. <u>Topics Directory</u>		
Chapter 1 - Intro	Chapter 4B - The Plumbing	Chapter 5C - Diagnostic
the instructor	pipe and flow	locator kit
course overview	master control	trace a wire path
course objectives	water meter	pinpoint a solenoid
Chapter 2 - Safety	Chapter 4C - The Plumbing	Chapter 5D - Diagnostic
awareness	water shutoff	other locates
gear	isolation valve	map the system
811	accessibility	search methods
Chapter 3A - Hydraulics	Chapter 5A - Diagnostic	Chapter 6A - The Fix
water pressure	leak behavior	preparation
elevation	challenges	low pressure
measure	identify the problem	construction damage
Chanter 3B - Hydraulics	Chanter 5R - Diagnostic	Chanter 6R - The Fiv

<u>Chapter 3B - Hydraulics</u>	<u> Chapter 5B - Diagnostic</u>	Chapter 6B - The Fix
flow rate	water issues	working with PVC
flow capacity	examples	pressure testing
design	water management	soil cover

<u>Chapter 4A - The Plumbing</u>	<u> Chapter 6C - The Fix</u>
water supply	solenoid valve issues
the system	valve anatomy
control points	fix vs. repair