

TROUBLESHOOTING LEAKS-ONLINE Course Code 1591

I. Computer requirements



A copy of these specifications is included as a free preview file prior to a student enrolling.

The recommended interaction with this course is with a PC or laptop. The video presentations contain detailed diagrams and animations that are better appreciated on a larger screen. However, this course can be accessed on a smartphone or other mobile device.

The following information was supplied by the on-line platform's technical staff:

While this course is compatible with most modern computer browsers, ones currently updated by their developers are recommended, such as, but not limited to, Google Chrome and Firefox. This reduces browser errors. Also, certain devices can have issues with certain file types, for example, Linux cannot run .mp4 files (format for the video presentations).

Of course, a reliable internet connection is required.








Browser extensions such as "ad-blockers" or other blocking software may conflict with the site. If a user is having a problem, it's best to clear their cache and access the site with the extensions disabled.

The resource downloads available in this course, such as the class manual, are presented in PDF format, therefore *Adobe acrobat reader* must be installed on the computer.



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II. Course Outline




Resources - downloads

-   Computer requirements and 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)
-  Chapter 3 quiz (14 questions)





Chapter 4 The Plumbing

-  Chapter 4A presentation (30:07)
-  Chapter 4B presentation (23:22)
-  Chapter 4C presentation (20:41)
-  Chapter 4 quiz (14 questions)




Chapter 5 Diagnostic


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

Chapter 6 The Fix

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

Course review/ Final exam

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

 Indicates free preview available to student prior to course sign up

2024 update

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III. Topics Directory

Chapter 1 - Intro

the instructor
course overview
course objectives

Chapter 4B - The Plumbing

pipe and flow
master control
water meter

Chapter 5C - Diagnostic

locator kit
trace a wire path
pinpoint a solenoid

Chapter 2 - Safety

awareness
gear
811

Chapter 4C - The Plumbing

water shutoff
isolation valve
accessibility

Chapter 5D - Diagnostic

other locates
map the system
search methods

Chapter 3A - Hydraulics

water pressure
elevation
measure

Chapter 5A - Diagnostic

leak behavior
challenges
identify the problem

Chapter 6A - The Fix

preparation
low pressure
construction damage

Chapter 3B - Hydraulics

flow rate
flow capacity
design

Chapter 5B - Diagnostic

water issues
examples
water management

Chapter 6B - The Fix

working with PVC
pressure testing
soil cover

Chapter 4A - The Plumbing

water supply
the system
control points

Chapter 6C - The Fix

solenoid valve issues
valve anatomy
fix vs. repair