

GET Course Schedule & Module Description

Day One
Introduction
Engine Models Introduction
<ul style="list-style-type: none"> • At the conclusion of this section, you should be: <ul style="list-style-type: none"> ○ Familiar with Waukesha Engine Families ○ Able to describe various engine models ○ Able to read the Power Rating Chart ○ Able to identify obsolete and new products
Cooling Systems
<ul style="list-style-type: none"> • At the conclusion of this section you should: <ul style="list-style-type: none"> ○ Know the principles of new engine cooling system start-up ○ Know the recommended system maintenance ○ Gain awareness of system troubleshooting
Mounting and Alignment
<ul style="list-style-type: none"> • At the conclusion of this section you should be able to describe: <ul style="list-style-type: none"> ○ Torsional vs. linear vibration ○ Crank case deflection ○ Crankshaft deflection ○ Installation and verification

Day Two
Homework Review
Combustion Theory
<ul style="list-style-type: none"> • At the conclusion of this section you should: <ul style="list-style-type: none"> ○ Understand the importance of detecting detonation and pre-ignition early ○ List the causes of detonation and pre-ignition ○ Understand how to eliminate detonation and pre-ignition
Fuel Systems
<ul style="list-style-type: none"> • At the conclusion of this section you should be able to demonstrate a thorough understanding of: <ul style="list-style-type: none"> ○ Fuel types ○ Air-fuel ratios ○ The Waukesha knock Index (WKI®) ○ Carburetor and regulator operation and troubleshooting ○ Fuel system adjustment concepts

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Day Three
Homework Review
Fuel Systems (continued)
Exhaust Gas Analysis
<ul style="list-style-type: none"> • At the conclusion of this section, you should have: <ul style="list-style-type: none"> ○ Learned the importance of Exhaust Gas Analysis (EGA) in setting up your engine ○ Learning the proper methods of performing EGA ○ Discussed the various types of equipment and their application
Lubrication
<ul style="list-style-type: none"> • At the conclusion of this section, you will understand our oil specifications, including: <ul style="list-style-type: none"> ○ Oil composition ○ Oil Analysis ○ Servicing the Lube Oil system

Day Four
Homework Review
Breathing Systems: Intake & Exhaust
<ul style="list-style-type: none"> • As a result of attending this training, you will be able to perform the following tasks: <ul style="list-style-type: none"> ○ Determine the proper time to change the air cleaners ○ Determine proper installation of the exhaust system ○ Troubleshoot high exhaust back pressure ○ Discuss how catalytic converters work and how to troubleshoot them
Ignition Systems
<ul style="list-style-type: none"> • At the conclusion of this section you should: <ul style="list-style-type: none"> ○ Understand the functional role of the ignition system ○ Learn the evolution of Waukesha systems ○ Be able to discuss the system components <ul style="list-style-type: none"> ▪ Features/functions ▪ Variables ▪ Maintenance ○ Understand ignition troubleshooting

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Day Five (noon completion)
Review
Exam Intro
Exam
Exam Review
Awards / Farewells