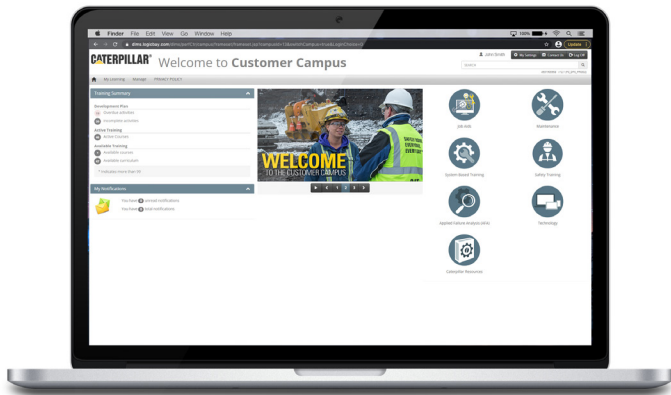


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Over 100 Updated System Courses Now Available on the Customer Campus.

As part of Caterpillar's Global Dealer Learning Division's commitment to continuously provide HIGH QUALITY learning solutions for Customers, over 100 courses have been updated on the Customer Campus. As a current subscriber to the Customer Campus, these new courses will be automatically available to you starting May 2021.

With over 530 total Web Based Training Courses, our Customer Training Solutions enable learners to get a better understanding of the key fundamental systems on Cat® machines and engines. Learn tips and techniques on how to better maintain your Cat equipment and how to safely, effectively, and efficiently perform a visual walk-around inspection.



The Caterpillar Customer Campus has also been updated to make finding our new courses easier. Widgets have been added to the home screen that allow you to quickly find areas of interest and the supporting courses. Launch the new courses within 3 Clicks!

To learn more about Caterpillar's Customer Training Solutions, please contact your local Cat Dealer.

www.cat.com/en_US/support/dealer-locator.html

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New Service Courses Available On The Customer Campus.



APPLIED FAILURE ANALYSIS

COURSES	CODE
Intro to AFA Management	33400
Intro to AFA Metallurgy	33407
Intro to AFA Principles of Fractures	33403
Intro to AFA Principles of Wear	33402
Intro to AFA Visual Examination	33401



SYSTEMS BASED TRAINING

AIR CONDITIONING COURSES	CODE
AC C01 - Basic Air Conditioning Theory and Service	21471
AC C02 - HVAC System Electronics	21472
Air Conditioning Diagnostic Exercise 22	26849

BRAKE SYSTEMS COURSES	CODE
BRK C01 - Mechanically Activated & Hydraulic Boosted Brake Systems	27761
BRK C02 - Air Over Hydraulics Brake Systems	28440
BRK C03 - Hydraulic Accumulator Brake Systems	27997
BRK C04 - Air Brake Systems	28441

ADVANCED ELECTRICAL (AEL) COURSES	CODE
AEL 01 Electrical Diagnostic Resources	56098
AEL 02 Input Components	56082
AEL 03 Electronic Control Units (ECUs)	56339
AEL 04 Output Components	56340
AEL 05 Data Links	56357

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SYSTEMS BASED TRAINING (CONTINUED)

FOUNDATIONAL ELECTRICAL (FEL) COURSES	CODE
FEL01 Basic Electricity	52741
FEL02 Electrical Circuits	52742
FEL03 Basic Electrical Components	52743
FEL04 Solid State Components	52744
FEL05 Wires and Connectors	52745
FEL06 Battery	52746
FEL07 Magnetism	52747
FEL08 Charging System	52748
FEL09 Starting System	52749
FEL10 Introduction to Electronic Control Systems	52750
FEL11 Introduction to Monitoring Systems	52751
FEL12 Introduction to Product Technologies	52781
FEL13 Electrical Schematics and Symbols	52752
FEL14 Introduction to Cat ET	52753

FOUNDATIONAL ENGINE (FEN) COURSES	CODE
FEN01 Introduction to Engines	55709
FEN02 Basic Engine Components	51890
FEN03 Introduction to Air and Exhaust Systems	55677
FEN04 Diesel Fuel	55667
FEN05 Mechanical Fuel Systems Introduction	55668
FEN06 Fuel Injection Nozzles	55669
FEN07 Small Engine Fuel Systems	55670
FEN08 Mechanical Unit Injection (MUI)	55671
FEN09 Introduction to Electronic Fuel Systems	55710
FEN10 Introduction to Cooling Systems	55672
FEN11 Introduction to Lubrication Systems	55717
FEN12 Introduction to Emissions Systems	55673
FEN13 Cold Weather Engine Attachments	55676

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SYSTEMS BASED TRAINING (CONTINUED)

ADVANCED ENGINE (AEN) COURSES	CODE
AEN 01 Engine Performance and Diagnostic Resources	55635
AEN 02 Air Intake and Exhaust Systems Troubleshooting	55880
AEN 03 Cooling Systems Troubleshooting	55941
AEN 04 Lubrication Systems Troubleshooting	55942
AEN 05 Mechanical Fuel Systems Troubleshooting: New Scroll Fuel Systems (NSFS)	56146
AEN 06 Small Engine Fuel Systems Troubleshooting	TBA
AEN 07 Mechanical Unit Injection (MUI) Fuel Systems Troubleshooting	56142
AEN 08 Mechanical Electronic Unit Injection (MEUI) Fuel Systems Troubleshooting	56514
AEN 09 Hydraulic Electronic Unit Injection (HEUI) Fuel Systems Troubleshooting	56622
AEN 10 Common Rail Fuel Systems Troubleshooting	TBA
AEN 11 Emissions Systems Troubleshooting	56152

FOUNDATIONAL HYDRAULICS (FHY) COURSES	CODE
FHY01 Hydraulic Principles	55683
FHY02 Hydraulic Fluid	55690
FHY03 Basic Hydraulic Circuits	55691
FHY04 Hydraulic Storage and Return System	55692
FHY05 Hydraulic Pumps	55693
FHY06 Hydraulic Valve	55694
FHY07 Hydraulic Actuators	55696
FHY08 Hydraulic Schematics	55712
FHY09 Hydraulic Control Circuits	55675
FHY10 Introduction to Hydraulic Systems Operation	55695
FHY11 Intro to Machine Hydraulic Systems	55689

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SYSTEMS BASED TRAINING (CONTINUED)

ADVANCED HYDRAULICS COURSES	CODE
HYD C04 - Fixed Displacement Hydraulic Circuits	33903
HYD C05.1 - Hydraulic Conductor Components, Part 1	33964
HYD C05.2 - Hydraulic Conductor Components, Part 2	33904
HYD C06 - Hydraulic Pumps and Motors	33905
HYD C07 - Hydraulic Pressure Control Valve	33955
HYD C08.1 - Directional Control Valves, Part 1	33954
HYD C08.2 - Directional Control Valves, Part 2	33965
HYD C09 - Hydraulic Control Circuits	33953
HYD C10 - Hydraulic Flow Control Valves	34002
HYD C11 - Hydraulic Cylinders and Accumulators	34003
HYD C12 - Load Sensing, Pressure Compensated Hydraulic Circuits	34004
HYD C13 - Load Sensing, Pressure Cutoff Hydraulic Circuits	34033
HYD C14 - Negative Flow Control Hydraulic Circuits	34005
HYD C15 - Proportional Priority, Pressure Compensated Hydraulic Circuits	34006
HYD C16 - Electro-hydraulic System Circuits	34007
HYD C17.1 - Hydrostatic Hydraulic Circuits, Part 1	34008
HYD C17.2 - Hydrostatic Hydraulic Circuits, Part 2	34009
HYD C17.3 - Hydrostatic Hydraulic Circuits, Part 3	34011

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SYSTEMS BASED TRAINING (CONTINUED)

FOUNDATIONAL POWER TRAIN (FPT) COURSES	CODE
FPT01 Power Train Overview	55711
FPT02 Couplings	55674
FPT03 Manual Shift Transmissions	55663
FPT04 Powershift Transmissions	55697
FPT05 Introduction to Transmission Control Systems	55699
FPT06 Drive Power Transmittal	55680
FPT07 Track-type Tractor Steering Systems	55681
FPT08 Undercarriage	55700
FPT09 Tires	55682

ADVANCED POWER TRAIN COURSES	CODE
PT C02 - Torque Converter Overview	27737
PT C03 - Transmission Control Overview	28097
PT C04 - Transmission Overview	28437
PT C05 - D7E Track - Type Tractor Electric Drive	40717
PT C06 - 795F AC Off - Highway Truck Electric Drive	40718
PT C07 - Drive Power Transmittal	27977
PT C08 - Tracked Steering Overview	28438

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