

# Technical Training Program

## An Introduction to DEUTZ Training

With over 150 years of engine experience to draw from, DEUTZ offers effective training to meet your needs. Whether you are an end user, equipment manufacturer, or service center, we can provide courses that are relevant to your business. Our factory certified courses provide in depth coverage of the latest industrial engine technologies primarily focusing on how to efficiently maintain, diagnose, and repair the full DEUTZ product line.


All of our certified training includes hands-on time with live engines and the latest service tools. Technicians spend time learning effective methods for diagnosing and correcting mechanical, electrical, fuel system, and emissions faults. Documentation is designed to be clear, concise, and relevant. Materials are updated regularly based on field experience to ensure that technicians are fully prepared to handle issues in the field.

## Enrollment

Part of DEUTZ Corporation's commitment to training is our Online Learning Center which offers access to instructor led courses as well as online content that is specifically tailored to parts, sales, and service roles.

Account creation is free of charge and is as simple as visiting the Online Learning Center located at [www.dcatraining.com](http://www.dcatraining.com) and submitting a new account request. Once your account is approved, you will be able to access online content and enroll in our 2019 instructor led courses.

Login

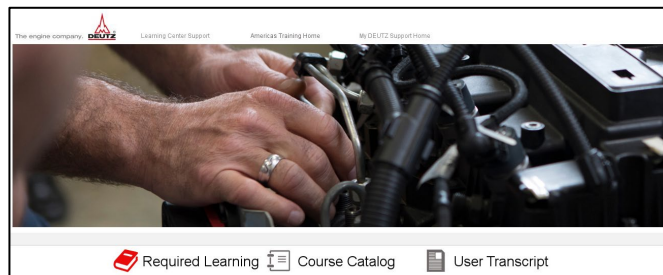
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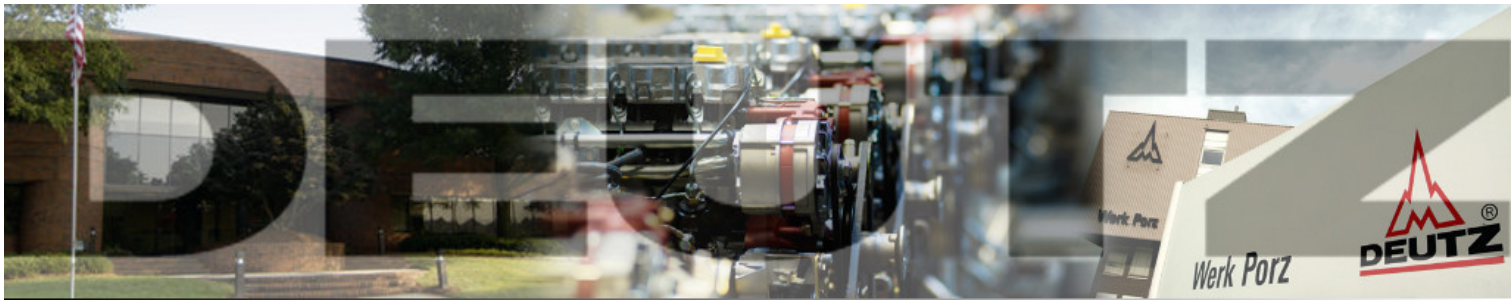
\*Password:

[Forgot your password?](#)  
[Request a new account.](#)

Sign In



Click to visit the Online Learning Center



# Technical Training Program

Online prerequisite courses are automatically assigned to you and can be found under “Required Learning”.

## Required Learning

Engineering  
IT  
Parts  
Production  
Sales  
Technician  
Warranty

Advanced Formats and Layouts in Excel 2013 (Update Avail.)		Online Course	Enrolled	In Progress
Basic Hydraulics - Lesson 1		Online Course	Enrolled	In Progress
CC4 Train the Trainer		Instructor Led	Enrolled	Not Attempted
Genuine vs. Imitation	Parts personnel training	Online Course	Enrolled	Not Attempted
Operating Liquids		Online Course	Enrolled	In Progress
Operating Liquids	Parts personnel training	Online Course	Enrolled	In Progress


Activity Name	Type	Score	Progress	Last Accessed	Time Taken	Attempts	Action
Basic Hydraulics - Lesson 1	Online Course	0%	In Progress	5/15/2018 11:28:43 AM	0h 1m	1	Launch

**Details**  
Course Name: Basic Hydraulics - Lesson 1  
Status: Active  
Delivery Type: Online Course  
Course Code: Basic\_Hydraulics\_1  
Vendor: Almon  
Duration: 30 minutes


Instructor led classes and optional online courses can be found under the “Course Catalog” where you can enroll with the click of a button.

## Course Catalog

Featured Courses
By Category
Alphabetically
ILT With Open Seats
ILT Calendar
Online Resources

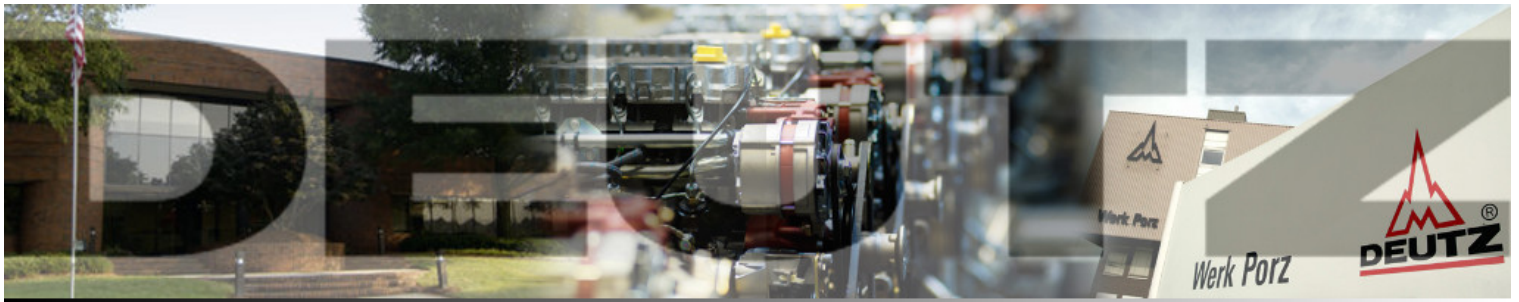


**CC3 Above 8 Liter V**  
Instructor Led Vendor: DEUTZ Corporation Training Dept. Duration: 32 hours  
This course covers the TCD2015, and TCD16.0 engine models.  
Price: \$800.00  
Details Scheduled Classes



**CC3 Electronic Governing**  
Instructor Led Vendor: DEUTZ Corporation Training Dept. Duration: 32 hours  
Bucket View Details View My Class Schedule Submit Request Enroll In This Class

Class Name	Class Schedule
CC3 Electronic Governing	2/5/2019 - 2/8/2019, 8:00 AM - 4:00 PM (America/New_York) (UTC -04:00) *
CC3 Electronic Governing	6/4/2019 - 6/7/2019, 8:00 AM - 4:00 PM (America/New_York) (UTC -04:00) *



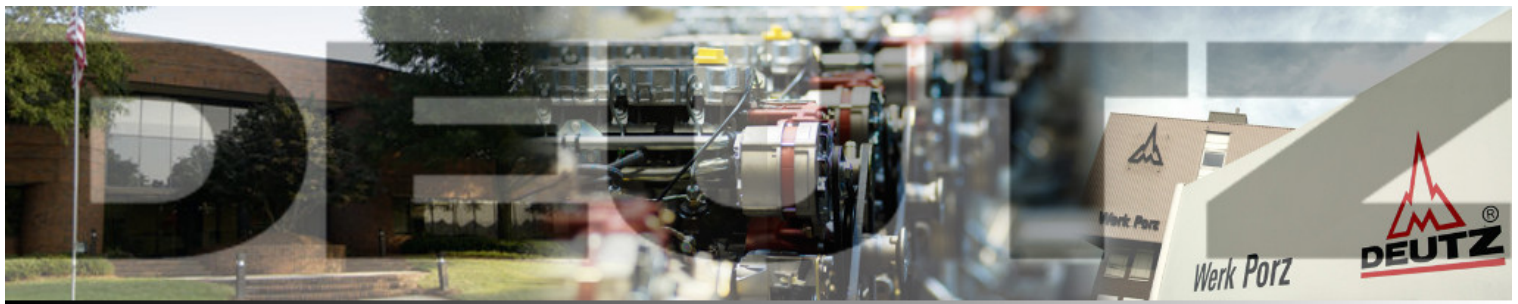
## Technical Training Program

### Training Locations

DEUTZ certified training is available at authorized facilities across the Americas. Each location employs a factory trained instructor with access to the latest service and diagnostic tools. Training materials are uniform and updated regularly based on field experience in order to ensure that they remain relevant to the technician on the job site.



[Click to view an interactive map](#)



# Technical Training Program

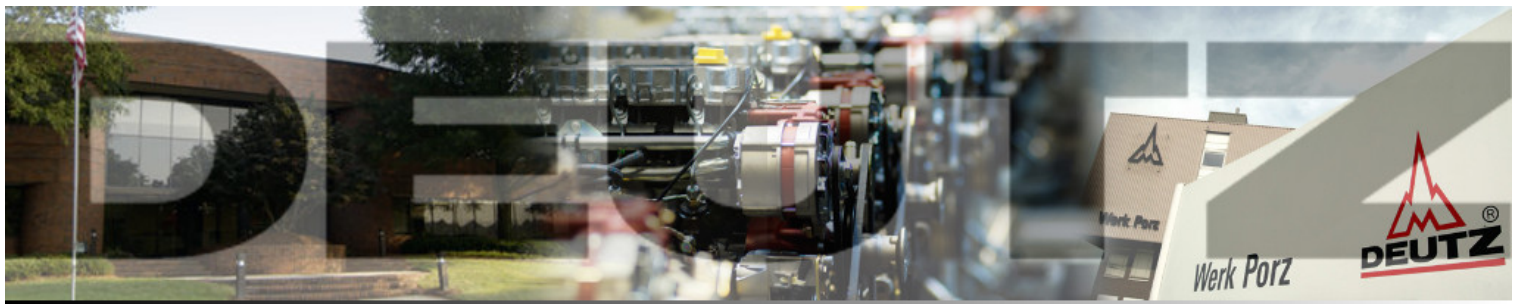
## 2019 CC3 Training Events

CC3 level training is 3-5 days in duration and covers in depth diagnostics and engine overhaul information. Completion of online prerequisite training and a post test are required to receive certification.

Course name	Electronic governing
<b>Objective</b>	After completing this four day course, the student will have gained a thorough understanding of electronic governing systems as applied by DEUTZ AG. This includes the use of relevant service tools and troubleshooting techniques which are reinforced through hands-on application.
<b>Format</b>	Instructor led
<b>Duration</b>	4 days
<b>Admission</b>	Open
<b>Prerequisites</b>	Technician Level 1 online training
<b>Location / Dates:</b>	
<b>Atlanta, GA</b>	Feb 5-8, Jun 4-7 @ \$800.00/attendee
<b>Denver, CO</b>	Apr 9-12 @ \$1,000.00/attendee
<b>Houston, TX</b>	Jan 22-25 @ \$1,000.00/attendee

Course name	Tier 4 Sub 4 Liter
<b>Objective</b>	After completing this 30 hour course and online prerequisites, the student will have gained a thorough understanding of the T/C/D2.2, 2.9, and 3.6 diesel engines developed by DEUTZ AG. This includes the use of relevant service tools, troubleshooting, and repair techniques which are reinforced through theory and hands-on instruction.
<b>Format</b>	Instructor led
<b>Duration</b>	4 days
<b>Admission</b>	Open
<b>Prerequisites</b>	Technician Level 1 & 2 online training
<b>Location / Dates:</b>	
<b>Atlanta, GA</b>	Jan 22-25, Apr 2-5 @ \$800.00/attendee
<b>Denver, CO</b>	Mar 12-15 @ \$1,000.00/attendee
<b>Houston, TX</b>	Jan 8-11 @ \$1,000.00/attendee



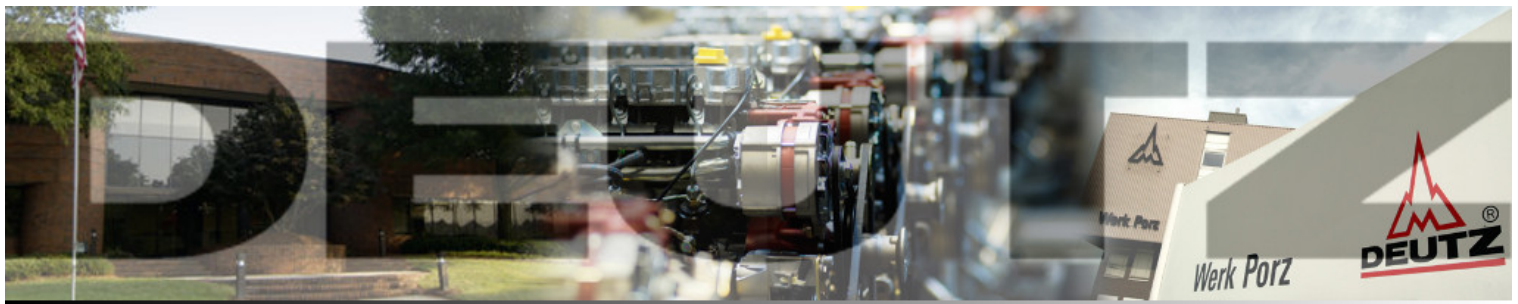


## Technical Training Program

Course name	Tier 4 4 – 8 Liter
<b>Objective</b>	After completing this 40 hour course and online prerequisites, the student will have gained a thorough understanding of the T/C/D4.1, 6.1, and 7.8 diesel engines developed by DEUTZ AG. This includes the use of relevant service tools, troubleshooting, and repair techniques which are reinforced through theory and hands-on instruction.
<b>Format</b>	Instructor led
<b>Duration / Cost</b>	5 days
<b>Admission</b>	Open
<b>Prerequisites</b>	Technician Level 1 & 2 online training
<b>Location / Dates:</b>	
<b>Atlanta, GA</b>	Feb 18-22, May 6-10 @ \$800.00/attendee
<b>Denver, CO</b>	Feb 19-22, Jun 11-14 @ \$1,000.00/attendee

Course name	Tier 4 12-16 Liter V
<b>Objective</b>	After completing this five day course, the student will have gained a thorough understanding of the TCD12.0/16.0 diesel engines developed by DEUTZ AG. This includes the use of relevant service tools, troubleshooting, and repair techniques which are reinforced through theory and hands-on instruction.
<b>Format</b>	Instructor led
<b>Duration / Cost</b>	5 days
<b>Admission</b>	Open
<b>Prerequisites</b>	Technician Level 1 online training
<b>Location / Dates:</b>	
<b>Atlanta, GA</b>	May 21-24 @ \$800.00/attendee

Course name	Legacy Sub 4 Liter
<b>Objective</b>	After completing this 32 hour course, the student will have gained a thorough understanding of the 1011, 1011F, and 2011 diesel engines developed by DEUTZ AG. This includes the use of relevant service tools, troubleshooting, and repair techniques which are reinforced through theory and hands-on instruction.
<b>Format</b>	Instructor led
<b>Duration / Cost</b>	4 days
<b>Admission</b>	Open
<b>Prerequisites</b>	No
<b>Location / Dates:</b>	Scheduled on request

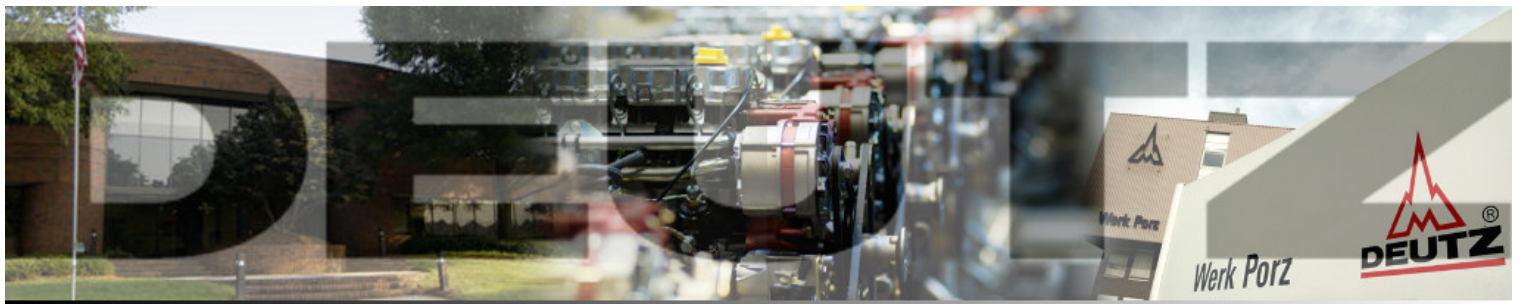


## Technical Training Program

Course name	Legacy 4 – 8 Liter
<b>Objective</b>	After completing this 32 hour course the student will have gained a thorough understanding of the 1012, 1013, 2012, and 2013 diesel engines developed by DEUTZ AG. This includes the use of relevant service tools, troubleshooting, and repair techniques which are reinforced through theory and hands-on instruction.
<b>Format</b>	Instructor led
<b>Duration / Cost</b>	4 days
<b>Admission</b>	Open
<b>Prerequisites</b>	No
<b>Dates</b>	Scheduled on request

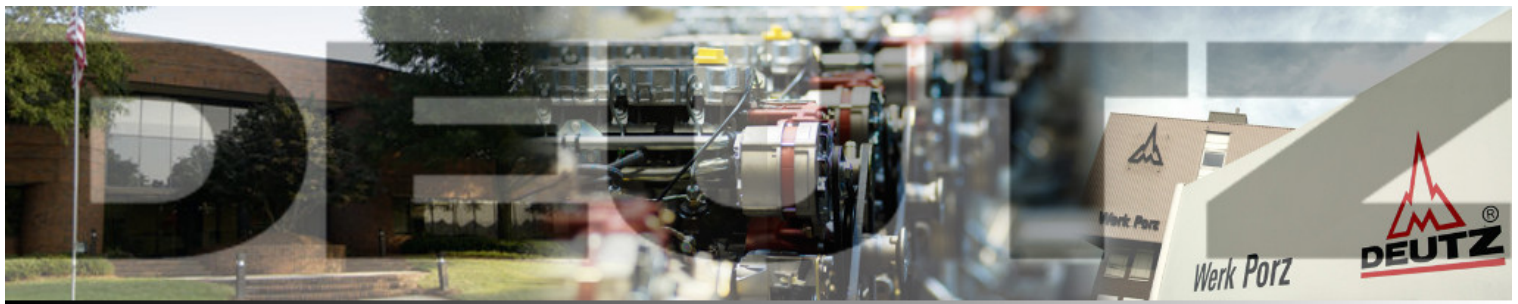
Course name	Failure analysis
<b>Objective</b>	After completing this 40 hour course the student will have gained a thorough understanding of failure analysis relating to diesel engines and their associated components.
<b>Format</b>	Instructor led
<b>Duration / Cost</b>	5 days
<b>Admission</b>	Open
<b>Prerequisites</b>	No
<b>Dates</b>	
<b>Atlanta, GA</b>	Aug 19-23 @ \$800.00/attendee

Course name	Tier 4 Sales Product Training
<b>Objective</b>	After completing this 8 hour course the student will have gained a thorough understanding of all DEUTZ Tier 4 products including design features, ratings, maintenance, fuel system, emissions systems.
<b>Format</b>	Instructor led
<b>Duration / Cost</b>	1 day / No charge
<b>Admission</b>	2 days
<b>Access</b>	DEUTZ sales and service network only
<b>Prerequisites</b>	Sales Level 1 online training
<b>Dates</b>	Scheduled on request



# Technical Training Program

Course name	Tier 4 Application Engineering Training
<b>Objective</b>	<p>After completion of the seminar, the distributor's application engineer will be able to:</p> <ul style="list-style-type: none"> <li>• Conduct an application review on every new engine installation involving an EAT according to DEUTZ guidelines</li> <li>• Complete required installation documentation and submit to DCA</li> <li>• Analyze the mechanical and emission compliance risk involved with each OEM equipment installation</li> <li>• Understand EPA compliance obligations</li> </ul>
<b>Format</b>	Instructor led
<b>Duration / Cost</b>	3 days / No charge
<b>Admission</b>	DEUTZ sales and service network only
<b>Prerequisites</b>	Online prerequisite courses



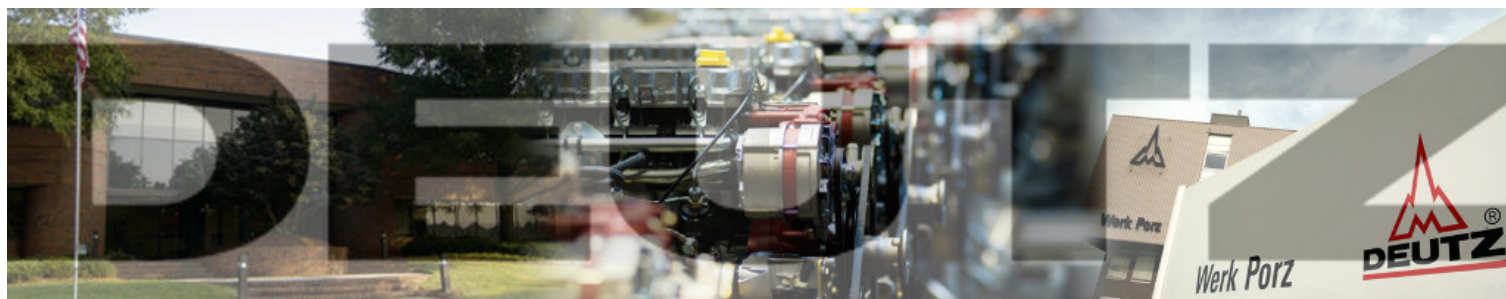
# Technical Training Program

## 2019 CC2 Training Events

CC2 level training is 1 day in duration and covers in depth diagnostics and maintenance information. Completion of online prerequisite training and a post test are required to receive certification.

Course name	Tier 4 Sub 4 Liter
<b>Objective</b>	After completing this 8 hour course and online prerequisites, the student will have gained a thorough understanding of the T/C/D2.2, 2.9, and 3.6 diesel engines developed by DEUTZ AG. This includes the use of relevant service tools, troubleshooting, and repair techniques which are reinforced through theory and hands-on instruction.
<b>Format</b>	Instructor led
<b>Duration / Cost</b>	1 day
<b>Admission</b>	Open
<b>Prerequisites</b>	Technician Level 1 & 2 online training
<b>Location / Dates:</b>	
<b>Calgary, AB</b>	Feb 5, Feb 6, Feb 7 @ \$125.00/attendee
<b>Chicago, IL</b>	Feb 26, Feb 27, Feb 28 @ \$125.00/attendee
<b>City of Industry, CA</b>	Apr 2, Apr 3, Apr 4 @ \$125.00/attendee
<b>Denver, CO</b>	Mar 26, Mar 27, Mar 28 @ \$125.00/attendee
<b>Ephrata, PA</b>	Apr 9, Apr 10, Apr 11 @ \$125.00/attendee
<b>Houston, TX</b>	Jan 29, Jan 30, Jan 31 @ \$125.00/attendee
<b>Kansas City, MO</b>	Apr 2, Apr 3, Apr 4 @ \$125.00/attendee
<b>Salt Lake City, UT</b>	May 21, May 22, May 23 @ \$125.00/attendee
<b>Willoughby, OH</b>	Feb 19, Feb 20, Feb 21 @ \$125.00/attendee





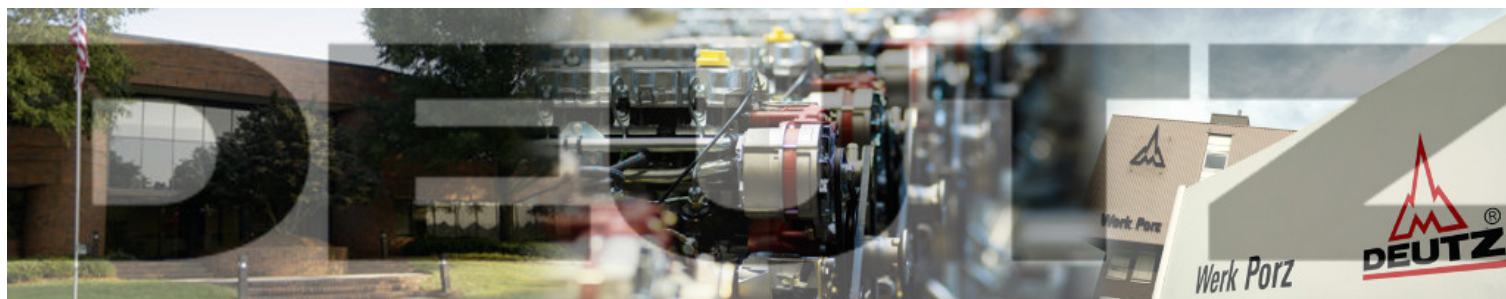
# Technical Training Program

## Online Courses

<b>Course name</b>	<b>Basic Electrical 1 - 3</b>
<b>Learning plan</b>	Technician Level 1
<b>Objective</b>	The attendee will obtain an in depth understanding of electrical theory, principals and their application.
<b>Format</b>	Online training
<b>Duration</b>	90 minutes
<b>Admission</b>	Service network, OEM, end user
<b>KPI Requirement</b>	Yes
<b>Prerequisites</b>	No

<b>Course name</b>	<b>Electrical Schematic Overview</b>
<b>Learning plan</b>	Technician Level 1
<b>Objective</b>	The attendee will obtain a basic understanding of electrical schematics and symbols.
<b>Format</b>	Online training
<b>Duration</b>	20 minutes
<b>Admission</b>	Service network, OEM, end user
<b>KPI Requirement</b>	Yes
<b>Prerequisites</b>	Basic Electrical 1 - 3

<b>Course name</b>	<b>Tier 4 Emissions Overview</b>
<b>Learning plan</b>	Technician Level 1, Sales Training
<b>Objective</b>	The attendee will obtain a basic understanding of Tier 4 emissions and related technologies.
<b>Format</b>	Online training
<b>Duration</b>	15 minutes
<b>Admission</b>	Service network, OEM, end user
<b>KPI Requirement</b>	Yes
<b>Prerequisites</b>	No



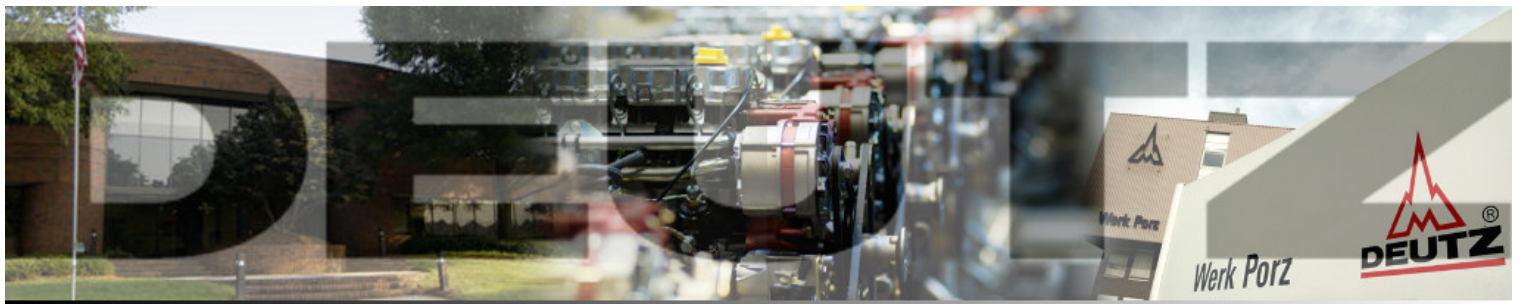
## Technical Training Program

<b>Course name</b>	<b>CAN Bus System Fundamentals</b>
<b>Learning plan</b>	Technician Level 2
<b>Objective</b>	The attendee will obtain an in depth understanding of CAN Bus theory, principals and application.
<b>Format</b>	Online training
<b>Duration</b>	30 minutes
<b>Admission</b>	Service network, OEM, end user
<b>KPI Requirement</b>	Yes
<b>Prerequisites</b>	Basic Electrical 1-3

<b>Course name</b>	<b>Tier 4 Sub 4 Liter Overview 1-2</b>
<b>Learning plan</b>	Technician Level 2
<b>Objective</b>	The attendee will obtain a basic understanding of the key features of the DEUTZ T/C/D2.2, 2.9 and 3.6 engine series.
<b>Format</b>	Online training
<b>Duration</b>	30 minutes
<b>Admission</b>	Service network, OEM, end user
<b>KPI Requirement</b>	Yes
<b>Prerequisites</b>	Technician Level 1

<b>Course name</b>	<b>Tier 4 4-8 Liter Overview</b>
<b>Learning plan</b>	Technician Level 2
<b>Objective</b>	The attendee will obtain a basic understanding of the key features of the DEUTZ T/C/D4.1, 6.1 and 7.8 engine series.
<b>Format</b>	Online training
<b>Duration</b>	20 minutes
<b>Admission</b>	Service network, OEM, end user
<b>KPI Requirement</b>	Yes
<b>Prerequisites</b>	Technician Level 1

<b>Course name</b>	<b>DEUTZ Xchange</b>
<b>Learning plan</b>	Sales Training
<b>Objective</b>	The attendee will obtain a basic understanding of the DEUTZ Xchange program.
<b>Format</b>	Online training
<b>Duration</b>	15 minutes
<b>Admission</b>	DEUTZ sales and service network only
<b>KPI Requirement</b>	No
<b>Prerequisites</b>	No



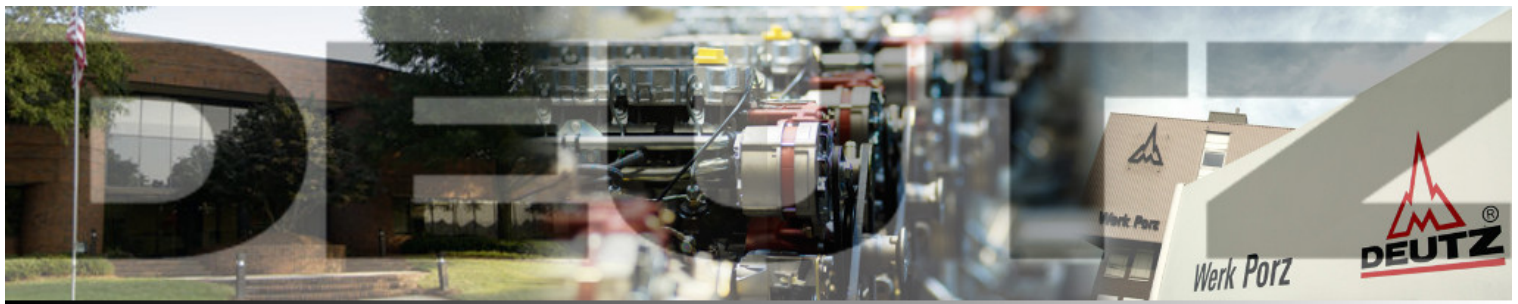
## Technical Training Program

<b>Course name</b>	<b>Genuine vs. Imitation</b>
<b>Learning plan</b>	Sales Training, Parts Training
<b>Objective</b>	The attendee will obtain an in depth understanding of the differences between DEUTZ and aftermarket maintenance and service parts.
<b>Format</b>	Online training
<b>Duration</b>	15 minutes
<b>Admission</b>	DEUTZ sales and service network only
<b>KPI Requirement</b>	No
<b>Prerequisites</b>	No

<b>Course name</b>	<b>Operating Liquids</b>
<b>Learning plan</b>	Parts Training
<b>Objective</b>	The attendee will obtain a basic understanding of the operating liquids most often associated with DEUTZ diesel engines.
<b>Format</b>	Online training
<b>Duration</b>	15 minutes
<b>Admission</b>	DEUTZ sales and service network only
<b>KPI Requirement</b>	No
<b>Prerequisites</b>	No

<b>Course name</b>	<b>SERPIC</b>
<b>Learning plan</b>	Parts Training
<b>Objective</b>	The attendee will obtain an in depth understanding of the DEUTZ SERPIC parts and information system.
<b>Format</b>	Online training
<b>Duration</b>	20 minutes
<b>Admission</b>	DEUTZ sales and service network only
<b>KPI Requirement</b>	No
<b>Prerequisites</b>	No

<b>Course name</b>	<b>Basic Hydraulics 1 - 3</b>
<b>Learning plan</b>	Level 4
<b>Objective</b>	The attendee will obtain an in depth understanding of hydraulic system theory and application.
<b>Format</b>	Online training
<b>Duration</b>	20 minutes each
<b>Admission</b>	Service network, OEM, end user
<b>KPI Requirement</b>	No
<b>Prerequisites</b>	No



## Technical Training Program

<b>Course name</b>	<b>Hydraulic Schematic Overview</b>
<b>Learning plan</b>	Level 4
<b>Objective</b>	The attendee will obtain a basic understanding of hydraulic schematics and symbols.
<b>Format</b>	Online training
<b>Duration</b>	20 minutes each
<b>Admission</b>	Service network, OEM, end user
<b>KPI Requirement</b>	No
<b>Prerequisites</b>	No

<b>Course name</b>	<b>Exhaust Aftertreatment</b>
<b>Learning plan</b>	Parts and Sales Training
<b>Objective</b>	The attendee will obtain a basic understanding of DEUTZ exhaust aftertreatment systems and the DEUTZ Exchange program.
<b>Format</b>	Online training
<b>Duration</b>	20 minutes each
<b>Admission</b>	Service network, OEM, end user
<b>KPI Requirement</b>	No
<b>Prerequisites</b>	No