



**OPERATOR TRAINING**  
**COURSE CATALOG**



**LET'S GET TO WORK.**

# IN THIS CATALOG

## HEAVY EQUIPMENT OPERATOR TRAINING SERVICES BY CARTER UNIVERSITY

Carter Machinery is now offering machine operator training for our customers.

- Online Training through Caterpillar University
- Instructor-Led Programs with our Certified Dealer Instructors
- Carter Simulator Programs with our State-of-the-Art Simulators
- Aerial Work Platform Training

Operator training can be tailored to your employees' needs based on experience and will incorporate a variety of learning methods to help maximize the skills and production level of your operators.

In addition to operator services, Carter University will offer safety training services to provide all-around training and preparedness for new employees.

Whenever Carter University training services are used, whether for Technician, Safety, or Operator classes, we document your individual training to create transcripts that you can utilize for your own records.

Primary focus will be these Cat products: Excavators, Dozers, Loaders and Articulated Trucks. However, we can provide Entry Level 1 & Intermediate Level 2 classes on a wide range of other Cat equipment, as well as courses in Spanish, upon request.







OPERATOR  
TRAINING



PARTS  
TRAINING



SAFETY  
TRAINING



SALES  
TRAINING



SERVICE  
TRAINING



TECHNICIAN  
TRAINING

# ONLINE TRAINING MODULES

CATERPILLAR UNIVERSITY CUSTOMER OPERATOR TRAINING				
Course Number	Course Title	Language	Course Description	Course Duration
41128	Operator Career Development Program: <b>Articulated Trucks - Heavy Construction</b> (725-740)	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on articulated truck controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a articulated truck.	One Hour
40359	Operator Career Development Program: <b>Backhoe Loaders - General Construction</b> (416E-450E)	English	This course is intended to provide training for beginner operators and individuals who wish to improve their knowledge on backhoe loader controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a backhoe loader.	One Hour
40051	Operator Career Development Program: <b>Hydraulic Excavators - General Construction</b> (301.5-318C)	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on hydraulic excavator controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a hydraulic excavator.	One Hour
40052	Operator Career Development Program: <b>Hydraulic Excavators - Heavy Construction</b> (320B-350)	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on hydraulic excavator controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a hydraulic excavator.	One Hour
40053	Operator Career Development Program: <b>Hydraulic Excavators - Quarry/Mining</b> (365B-5230B)	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on hydraulic excavator controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a hydraulic excavator.	One Hour
41298	Operator Career Development Program: <b>Motor Graders - Heavy Construction</b> (120 - 12M)	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on motor grader controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a motor grader.	One Hour
40054	Operator Career Development Program: <b>Off-Highway Trucks - Heavy Construction</b> (769C-775F)	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on off-highway truck controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate an off-highway truck.	One Hour
40055	Operator Career Development Program: <b>Off-Highway Trucks - Quarry/Mining</b> (777B-797B)	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on off-highway truck controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate an off-highway truck.	One Hour
40059	Operator Career Development Program: <b>Track-Type Tractors - General Construction</b> (D3G-D5G)	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on track-type tractor controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a track-type tractor.	One Hour
40060	Operator Career Development Program: <b>Track-Type Tractors - Heavy Construction</b> (D6T-D8T)	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on track-type tractor controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a track-type tractor.	One Hour

## CATERPILLAR UNIVERSITY CUSTOMER OPERATOR TRAINING

Course Number	Course Title	Language	Course Description	Course Duration
40061	Operator Career Development Program: <b>Track-Type Tractors - Quarry/Mining (D9T-D11R)</b>	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on track-type tractor controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a track-type tractor.	One Hour
40056	Operator Career Development Program: <b>Wheel Loaders - General Construction (904B-936G)</b>	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on wheel loader controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a wheel loader.	One Hour
40057	Operator Career Development Program: <b>Wheel Loaders - Heavy Construction (938F-980H)</b>	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on wheel loader controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a wheel loader.	One Hour
40058	Operator Career Development Program: <b>Wheel Loaders - Quarry/Mining (988H-994F)</b>	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on wheel loader controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a wheel loader.	One Hour
40050	Operator Career Development Program: <b>Wheel Tractor-Scrapers - Heavy Construction (613G - 627G)</b>	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on wheel tractor-scraper controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a wheel tractor-scraper.	One Hour
40049	Operator Career Development Program: <b>Wheel Tractor-Scrapers - Quarry/Mining (631G-657G)</b>	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on wheel tractor-scraper controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a wheel tractor-scraper.	One Hour
41534	Operator Career Development Program: <b>Motor Graders - Quarry/Mining (14M - 24M)</b>	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on motor grader controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a motor grader.	One Hour
Coming Soon	Skid Steer, Multi-Terrain and Compact Track Loaders	English	This course is intended for beginner operators and individuals who wish to improve their knowledge on skid steer loaders, multi-terrain loaders and compact track loaders controls and their maintenance, inspection, safety, and operating procedures. This course contains only theoretical content and shows or demonstrates pre-operating and basic operating procedures. This course does not attempt to create an experienced operator who can safely operate a hydraulic excavator.	One Hour

The package also includes web based courses on Ta1 – Technical Analysis Level 1, which are comprehensive walk-arounds of the core machine products and complement the operator courses.



# INSTRUCTOR-LED HEAVY EQUIPMENT OPERATOR TRAINING

Owners of Caterpillar heavy equipment realize that a well-trained operator is worth investing in as the return on investment is maximum productivity coupled with efficiency, and most importantly safety.

Carter University provides instructor-led courses on most Caterpillar equipment. This curriculum is a combination of classroom and on-machine activities, depending on the level of experience:

## LEVEL 1 OPERATOR TRAINING

- This course is intended for entry-level or lesser-experienced personnel and provides the operator with the basic skills to complete safety walk-arounds, pre-shift inspections, overview of the operators compartment, start up and shut down procedures, and basic earthmoving fundamentals.
- Attendees receive a certificate of completion.
- Class sizes are limited to a minimum of 4 and a maximum of 6 students.
- Class duration is 2 days per machine type/family.

## LEVEL 2 OPERATOR TRAINING

- This course is intended for operators with 3 or more years of experience.
- Participants will build on their fundamental knowledge and learn how to refine their operating techniques to further increase productivity and machine efficiency.
- Attendees receive a certificate of completion.
- Class sizes are limited to a minimum of 4 and a maximum of 6 students.
- Class duration is 2 days per machine type/family.





# CARTER SIMULATOR TRAINING

Utilizing state-of-the-art Cat Simulators for excavators, dozers, loaders, and articulated trucks, simulator training provides a way for students to gain familiarization and understanding of machine controls and proper operating procedures before training on actual machines. We cover a variety of training exercises and track performance through built-in testing.

Cat simulators provide hands-on learning in a safe and economical way by using simulated worksite applications and conditions with realistic controls. Our excavator simulator contains full virtual reality technology for a more enhanced experience.

Whether you have new operators with limited experience or more seasoned personnel that need a refresher, Carter University can provide training at either your location or one of our facilities as our units are fully mobile.



*Using simulated worksite applications and conditions with realistic controls, Cat simulators provide hands-on learning in a safe and economical way.*



# AERIAL WORK PLATFORM TRAINING



Carter Machinery offers two kinds of training for Aerial Work Platforms:

## **Online Program – Familiarization Training & Observation Sign-off**

This is the minimum requirement for site work and covers all products (boom lift, scissor lift, etc.). The familiarization training will be via an online course, and hands-on observations will be offered at our Carter locations or for larger groups at customer facilities.

## **JLG Lift Products – Certification Class**

This course is a full 3-day program that includes in-class and on-machine training specifically for JLG AWP and lift products. Classes will be made available based on demand at our Carter facilities.



# FULLY COMPREHENSIVE OPERATOR COURSE

This 3-week course will be offered at our Carter locations subject to demand and is intended to prepare new operators for the job.

This course includes a combination of online, classroom, simulation, and in-the-dirt training on our excavators, dozers, loaders, and articulated trucks.

## WEEK 1

- OSHA 10-Hour training and certification
- Operator career development on-line courses through Caterpillar University
- Pre-shift inspection/walk-arounds (TA1)
- Preventive maintenance training

## WEEK 2

- |  |          |
|--|----------|
| ■ Hydraulic excavator Level 1 training and simulated operation | 2.5 days |
| ■ Articulated trucks Level 1 training and simulated operation  | 2.5 days |





## WEEK 3

- |   |          |
|---|----------|
| ■ Dozer Level 1 training and simulated operation              | 2.5 days |
| ■ Front wheel loader Level 1 training and simulated operation | 2.5 days |

**On successful completion of this course, each participant will be provided with:**

- A certificate of completion
- Simulated operation performance reports
- Their OSHA 10-hour card





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