

Caterpillar University

Military Training Catalog

Course Number	Course Title	Course Type	Course Description	Course Duration	Locale	Active
26229	ILT Cat Switchgear Level 1 Training (Powerlynx)	ILT	This course provides an overview and hands-on activity on pre-startup inspection, maintenance, troubleshooting, and repair of the Powerlynx based XLM, LM, and EGP Switchgear. The participants will successfully perform key tasks selected from the topics covered in the course including paralleling generators	36:00:00	English	1
53009	120M Motor Grader Service Training - Level II	ILT		5 Days	English	1
53018	246D Skid Steer Loader Maintenance	ILT	<p>This course is a three-day (24 hour) Field-Level Maintenance New Equipment Training (FLMNET) course and will provide theory and hands-on training for the Caterpillar 246D Skid Steer Loader consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • Complete study of hydraulic and electrical schematics • Systems operations • Troubleshooting with the ECM • Calibration of the ECM • Critical machine adjustments • The use of CAT Military ET <p>There will be a written examination after each lesson is covered.</p> <p>Additional Information:</p> <p>The MSD or a PC is needed to use service tool and diagnostic software.</p>	3 Days	English	1
53021	246D Skid Steer Loader Operator	ILT	<p>This course is a two-day (16 hour) Operator New Equipment Training (OPNET) course and will provide theory and hands-on training for the Caterpillar 246D Skid Steer Loader consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • Perform PMCS on machine • Perform PMCS on attachments • Perform basic skid steer loader operations using joystick controls • Perform operations of all attachments <p>There will be a written examination after each lesson is covered.</p>	2 Days	English	1
53019	279D Compact Track Loader Maintenance	ILT	<p>This course is a three-day (24 hour) Field-Level Maintenance New Equipment Training (FLMNET) course and will provide theory and hands-on training for the Caterpillar 279D Compact Track Loader consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • Complete study of hydraulic and electrical schematics • Systems operations • Troubleshooting with the ECM • Calibration of the ECM • Critical machine adjustments • The use of CAT Military ET • Installation of the CPK <p>There will be a written examination after each lesson is covered.</p> <p>Additional Information:</p> <p>The MSD or a PC is needed to use service tool and diagnostic software.</p>	5 Days	English	1
53022	279D Compact Track Loader Operator	ILT	<p>This course is a three-day (24 hour), Operator New Equipment Training (OPNET) course and will provide theory and hands-on training for the Caterpillar 279D Compact Track Loader consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • Perform PMCS on machine • Perform PMCS on attachments • Perform basic compact track loader operations using joystick controls • Perform operations of all four attachments <p>There will be a written examination after each lesson is covered.</p>	3 Days	English	1

40569M	324E/329E HEX Sales Training NPI - EAME	AICC	This is an intermediate level course. The user should have a fundamental knowledge of hydraulic excavators, how they operate, and what they do. This course is designed to be an educational resource for accurate, up-to-date sales information on the Cat 324E and 329E Hydraulic Excavators. This module explains how the features, components, and systems of these new E Series models will reduce customer cost and effort, plus increase profit and productivity over the D Series machines they replace.	1:00	English	1
53013	621G Scraper Maintenance	ILT	This course is a five-day (40 hour), Field-Level Maintenance New Equipment Training (FLMNET) and will provide theory and hands-on training for Caterpillar 621G Scraper consisting of: <ul style="list-style-type: none"> • Identify major machine components • The use of on-board diagnostics • Complete study of hydraulic and electrical schematics • Systems operations • Troubleshooting with ECMs • Calibration of ECMs • Critical machine adjustments • The use of CAT Military ET <p>There will be a written examination after each lesson is covered.</p> <p>Additional Information:</p> <p>The MSD or a PC is needed to use service tool and diagnostic software.</p>	5 Days	English	1
53012	621G Scraper Service Training - Level II	ILT	This is a five-day (40 hour), Level II course for service personnel who understand the principals of machine system operation, diagnostic equipment and procedures for testing and adjusting. This course will provide theory and hands-on training for Caterpillar 621G Scraper consisting of: <ul style="list-style-type: none"> • Identify major machine components • The use of on-board diagnostics • Complete study of hydraulic and electrical schematics • Systems operations • Troubleshooting with ECMs • Calibration of ECMs • Critical machine adjustments • The use of CAT Military ET <p>There will be a written examination after each lesson is covered.</p>	5 Days	English	1
40815M	621H, 623H and 627H Wheel Tractor-Scraper	AICC	This course will provide an overview of the new 621H, 623H and 627H wheel tractor-scrapers. This new family of scrapers is profoundly changing how the machines look, operate and improve profitability for our customers.	1:00	English	1
53010	972H Wheel Loader Service Training - Level II	ILT	This is a five-day (40 hour), Level II course for service personnel who understand the principals of machine system operation, diagnostic equipment and procedures for testing and adjusting. This course will provide theory and hands-on training for the Caterpillar 972H Wheel Loader and Military ET consisting of: <ul style="list-style-type: none"> • Identify major machine components • The use of on-board diagnostics • Complete study of hydraulic and electrical schematics • Systems operations • Troubleshooting with ECMs • Calibration of ECMs • Critical machine adjustments • The use of CAT Military ET <p>There will be a written examination after each lesson is covered.</p> <p>Who Should Attend:</p> <ul style="list-style-type: none"> • Skill Level - 20 or Higher Maintainers (Sergeants and above) • Logistics Assistance Representatives (LARs) • Field Service Representatives (FSRs) • Training Instructors • Technical Inspectors <p>Additional Information:</p>	5 Days	English	1

41129M	992K Wheel Loader 854K Wheel Dozer NPI Service Training	AICC	<p>This course will provide an overview of the changes that will help the Cat 992K Wheel Loader and 854K Wheel Dozer meet the U.S. Environmental Protection Agency (EPA) Tier 4 Final Emissions Regulations for the U.S. and Canada.</p> <p>The course will also cover the new components and updated systems for the operator station, the monitoring system, the engine and emissions system, the power train, and the hydraulic systems.</p> <p>NOTE: In markets with less stringent emissions regulations, updated machines are offered without the extensive emissions system. These LRC (Lesser Regulated Countries) models are built to meet Tier 2/Stage II emissions regulations.</p>	1:00	English	1
21471M	AC C01 - Basic Air Conditioning Theory and Service	AICC	This course will provide an overview of basic Air Conditioning (A/C) theory and controls used in Cat machines. This includes an explanation of the tooling required and legislation involved in servicing air conditioning systems.	1:00	English	1
21472M	AC C02 - HVAC System Electronics	Multiple SCORM 1.2	This course is designed to prepare the technician to identify the key components of the air conditioning electronic control system, to state the electronic components function, to identify the components of the air conditioning/heating air and coolant distribution system, and to state the function of these components	1:20	English	1
33657M	Adding Customer Value: Extended Service Coverage	AICC	Responding to the voice of the dealer and in support of the principles behind the "Customer Experience" Caterpillar Insurance has provided an overview of all new and used ESC on highway engine programs. The training provides the participant a starting point to reference ESC coverage programs, the processes involved with the programs and the benefits provided by the programs.	1:00	English	1
40237M	Advanced Earth Moving	AICC	<p>This course describes Earth Moving Equipment best practices by machine and application type. It is intended for students who have successfully completed the following courses and need additional knowledge to optimize equipment productivity and safety:</p> <ul style="list-style-type: none"> - Machine Pro - Earth Moving Principles (DPC Nb: 20147) - Machine Pro - Earth Moving Materials (DPC Nb: 20148) - Machine Pro - Earth Moving Jobs (DPC Nb: 20149) - Machine Pro - Performance Handbook (DPC Nb: 20126) - Machine Pro - Specifying Equipment (DPC Nb: 20086) - Machine Pro - Owning & Operating Costs (DPC Nb: 20146) - Jobsite Productivity (DPC Nb: 41535) <p>This course will take approximately two hours to complete.</p>	2:00	English	1
26213 ILT	AFA I	ILT	AFA I focuses on the basic principles of metallurgy, wear and fractures, and on managing the failure analysis process itself to arrive at the most probable root cause of failure. After instruction in these basics, students then learn to apply the fundamentals to the major engine components: Bearings, Crankshafts, Valves, Pistons, Rings, Liners, Connecting Rods, and Threaded Fasteners. Engine parts are generally lower in hardness than drivetrain components so their facts ("road signs") are easier to see ("read"). The course consists of classroom instruction and laboratory exercises, and concludes with case studies of failures that have occurred in the field.	36:00:00	English	1
26214 ILT	AFA II	ILT	AFA II and III have been combined into a single week of training. This course begins with a review of basic principles covered in AFA I. Then students apply those principles to gears, anti-friction bearings, hydraulic pumps & motors, lubrication, welds, and shafts. Communicating a failure analysis is more strongly emphasized by including a section on taking good digital pictures. The week wraps up with case studies from the field.	36:00:00	English	1
26849M	Air Conditioning Diagnostic Exercise 22	SCORM 1.2	This module will allow the technician to practice diagnosing and troubleshooting a realistic problem using a simulated diagnostic exercise.	0:20	English	1
41239M	Assembly - Contamination and Parts Handling (M)	Multiple SCORM 1.2	In the past, heavy equipment manufacturing probably would not lead to thoughts of cleanliness. The way our products are used - mining deep within a quarry, clearing land for a new road, or laying pipeline to carry fuel is almost certain to provide challenging operating conditions. With the passage of time, fuel, hydraulic, and electrical systems have gotten much more complex, resulting in higher system pressures and tighter tolerances. This lesson will help you understand the importance of controlling contamination - so our machines can keep producing - day after day.	0:30	English	1
41457M	Assembly - DuoCone Seals 2	AICC	Learn and understand the seven critical steps required for proper installation of DuoCone Seals. Know where to find installation instructions. Identify the components of a DuoCone Seal workstation and be able to select the correct installation tool. List common errors for seal ring breakage, toric failure, galling and leaks. Has a pretest and post test. Time: approximately 30 minutes	0:30	English	1
41397M	Assembly - Fasteners (Threaded)	AICC	Identifies common threaded fasteners, describes their components and applications. Teaches how to identify Metric versus English hardware; identify bolt grades and what they mean; lists three elements needed to size a bolt. Describes the concept of bolt stretch and correct methods of installing threaded fasteners. Discusses the results of over torquing and under torquing. Has a pretest and post test. Time: approximately 30 minutes	0:30	English	1

41309M	Assembly - Wiring Harness (M)	Multiple SCORM 1.2	This course provides guidance for wiring harness routing, clipping, connectors, and terminals. Examples in this course should be used as reference. Some Caterpillar products may have exceptions to these guidelines. In these cases, the Service Manual will supercede this program.	1:00	English	1
41433M	Basics of Electricity for Electric Power	SCORM 1.2	This is a foundational level course. It is intended for Caterpillar dealer sales professionals, Caterpillar field representatives, and anyone interested in learning more about this topic	1:30	English	1
40652	Brand Advocate Training	ILT	Creating a consistent brand experience goes beyond marketing – how the Cat brand is expressed through the dealer network is a critical part of the customer experience, and our dealers are a critical part of the Cat experience. This course examines the role of the dealer in delivering a consistent customer experience through all touch points, including marketing, point of purchase, after-sales experience, and merchandise.	3:00	English	1
40275M	Brand for Leaders	SCORM 1.2			English	1
40902M	Brand Protection	SCORM 1.2	This course will provide an overview of actual case examples of counterfeits, infringements, and misuse issues from around the world. It describes how the Caterpillar Brand Protection team members are working to address these concerns. The course concludes with how the dealer community can partner in these efforts and report any concerns. There is no knowledge check at the end of this course. A link to a survey is provided for direct reporting of any infringement concerns.	0:20	English	1
27761M	BRK C01 - Mechanically Activated & Hydraulic Boosted Brake Systems	AICC	The Mechanically Activated & Hydraulic Boosted Brake Systems course consists of the following: Brake System Introduction Mechanically Activated Hydraulic Brake System Hydraulic Boosted Brake Systems	1:00	English	1
28440M	BRK C02 - Air Over Hydraulics Brake Systems	AICC	The goal of this course is to provide a general introduction to air over hydraulic brake systems, and learn the correct operation, diagnosis, and service procedures for air over hydraulic brake systems, air system, hydraulic system, service brake system, parking brake/secondary brake system, and their components.	1:00	English	1
27997M	BRK C03 - Hydraulic Accumulator Brake Systems	AICC	This course covers basic operating systems of brakes used on Caterpillar equipment. The systems include the Mechanically Activated & Hydraulically Boosted Brake System, the Hydraulically Boosted Brake System, the Air Brake System, the Air Over Hydraulic Brake System and the Hydraulic Accumulator Brake System. In each of the systems the major components will be described, location shown, and explained how they rely on the use of friction to convert motion into heat, in order to slow, stop, and/or hold the machine stationary.	1:00	English	1
28441M	BRK C04 - Air Brake Systems	AICC	The goal of this course is to learn about the correct operation, diagnosis, and service for an air brake system and its components.	1:00	English	1
41153M	Cam Brake Disassemble and Assemble	SCORM 1.2	This course reviews the process to disassemble, inspect, and assemble Meritor Cam Brake Components for the Q, Q Plus, including LX500 and MX500, Cast Plus and P Series brakes	1:00	English	1
40472M	Cat E series Hydraulic Hammers	AICC	Product knowledge course showcasing the Cat E Series Hydraulic Hammers. Covers models H75Es - H130Es.	0:30	English	1
33656M	Cat Electric Power I - Course 1 - Introduction and DC Theory	AICC	This course is for Cat dealer service technicians and Caterpillar employees interested in the career path of an Electric Power service technician. This is a foundational level course that will provide you with foundational information regarding the EP course curriculum, the proper use of a scientific calculator, and DC Theory. It is strongly recommended that courses in the Electric Power curriculum be taken in sequence. Please check the Dealer Learning Management System (DLMS) for course sequence.	1:30	English	1
33696M	Cat Electric Power I - Course 2 - Circuits	AICC	This course is for Cat dealer service technicians and Caterpillar employees interested in the career path of an Electric Power service technician. This is a foundational level course that will provide you with foundational information regarding circuits as they relate to the EP product. You will be introduced to Ohm's Law and Kirchhoff's Laws as well as series circuits, parallel circuits, series/parallel circuits, and their properties. It is strongly recommended that courses in the Electric Power curriculum be taken in sequence. Please check the Dealer Learning Management System (DLMS) for course sequence. Course duration - 3 hrs. This is a foundational level course that will provide you with foundational information regarding circuits as they relate to the EP product. You will be introduced to Ohm's Law and Kirchhoff's Laws as well as series circuits, parallel circuits, series/parallel circuits, and their properties. It is strongly recommended that courses in the Electric Power curriculum be taken in sequence. Please check the Dealer Learning Management System (DLMS) for course sequence. Course duration - 3 hrs.	3:00	English	1

33697M	Cat Electric Power I - Course 3 - Alternating Current	AICC	<p>This course is for Caterpillar dealer service technicians and Caterpillar employees interested in the career path of an Electric Power service technician.</p> <p>This is a foundational level course that will provide foundational information regarding Alternating Current (AC) theory, components, and applications as they relate to Electric Power. It is strongly recommended that courses in the Electric Power curriculum be taken in sequence. Please check the Dealer Learning Management System (DLMS) for course sequence.</p> <p>Course duration – 90 minutes</p>	1:30	English	1
33698M	Cat Electric Power I - Course 4 - Power	AICC	<p>This course is for Caterpillar dealer service technicians and Caterpillar employees interested in the career path of an Electric Power service technician.</p> <p>This is a foundational level course that will provide foundational information regarding the various kinds of power and power calculations relating to generators. It is strongly recommended that courses in the Electric Power curriculum be taken in sequence. Please check the Dealer Learning Management System (DLMS) for course sequence.</p> <p>Course duration – 90 minutes</p>	1:30	English	1
33699M	Cat Electric Power I - Course 5 - Generators	AICC	<p>This course is for Cat dealer service technicians and Cat employees interested in the career path of an Electric Power service technician.</p> <p>This is a foundational level course that will provide foundational information regarding generators, systems, applications, components, and their functions.</p> <p>It is strongly recommended that courses in the Electric Power curriculum be taken in sequence. Please check the Dealer Performance Center (DPC) for course sequence.</p> <p>Course duration – 60 minutes</p>	1:00	English	1
33701M	Cat Electric Power I - Course 6 - Electric Power Products and Information	AICC	<p>This course is for Cat dealer service technicians and Caterpillar employees interested in the career path of an Electric Power service technician. This course provides foundational product information for a Total Power System solution. You will be introduced to generator products and ratings, the basics of switchgear, automatic transfer switches and transfer types, and uninterruptible power supplies.</p>	1:30	English	1
33700M	Cat Electric Power I - Course 7 - Calculations for EPG	AICC	<p>This course is designed to provide formulas and examples to aid in developing proficiency in calculating physical quantities and power values based on readings from switchgear or package mounted panel meters and sensor outputs.</p>	1:00	English	1
26240 ILT	Cat Electric Power II	ILT	<p>This course provides an in-depth study and hands-on activity in delivering, maintaining, troubleshooting and repairing current and legacy production Caterpillar Generator Sets operating as single units. The participants will successfully perform key tasks selected from topics presented in the course. After completion, the participant will be able to: Properly recognize generator actual and apparent power loading. State the effects of power factor and reactive/resistive loading on the engine and generator. Recognize different circuit breaker types. Test, adjust, and troubleshoot current production and legacy generator sets, generator mounted control panels, engine-mounted junction boxes, including electromechanical control panels, Electronic Modular Control Panel II+, EMCP3, and EMCP 4. Perform the proper voltage and frequency adjustments per customer requirements for VR3, VR6, DVR, CDVR and IVR voltage regulators. Perform proper planned maintenance and make diagnostic measurements on generators. State Cat ATS models and basic controls strategy.</p> <p>

 Note: In CEP II, EMCP 3/4 and ATS content is given at the awareness level. For participants to become fully qualified with this equipment, the stand-alone EMCP 3, EMCP4, and ATS instructor-led courses should be attended. ATS content will be delivered only in regions in which it is relevant.</p> <p>

 SPECIAL INSTRUCTIONS:</p> <p>Equipment- Participants must bring a calculator to class. A laptop</p>	36:00:00	English	1

40961	Cat Electric Power II Test-Out Exam	ILT	CEP II Test-Out is designed to validate knowledge and skills for Electric Power technicians who are already proficient with the concepts and skills taught in the Instructor-Led Training. Participants who pass both the CEP II Test-Out Exam and Hands-On Assessments are granted equivalency to Cat Electric Power II. This path is not designed to be an opportunity for learning. Requirements for years of service and/or experience and a listing of the required documentation can be found in the attached file. Dealers who enroll participants into the CEP II Test-Out process are required to provide personnel for proctoring according to the documentation in the attached file (see "Resources" below). Note: Participant enrollment will be cancelled if all required forms are not completed and submitted by the participant and dealer training manager. Forms will be submitted by email to cep2TOadmin@cat.com		English	1
26236	ILT Cat Electric Power III	ILT	This course provides an in-depth study and hands-on activity in verifying, maintaining, troubleshooting, and repairing current and legacy production Caterpillar generator sets operating in parallel. Equipment found in legacy Caterpillar Switchgear is used to instruct and learn the fundamentals of a paralleled generator system. The participants will successfully perform key tasks selected from the topics presented in the course including but not limited to: verification of phase rotation, verification and adjustment of synchronization, set-up and adjustments to share kW load, verify principals of modern automatic load sharing, set-up and adjustments to share the reactive load and manual breaker closure to parallel generators. Special Instructions: Participants are asked to bring a calculator, a laptop with Cat service software and admin rights for installation of new software. Also required are safety glasses, minimum 600 volt rated gloves, and natural fiber clothing (cotton). Helmet with shield and other protective wear are provided. Leather shoes are required and EH (electrical hazard) rating is recommended. See the Cat Electric Power III Preview Video in the Resource section below to watch a video about the course.	36:00:00	English	1
40940M	Cat Electronic Communications	AICC	This course will support Electric Power sales and support personnel by providing them with an improved understanding of electronic communications, its various components, and how it applies to a Cat power generation system. Improving your knowledge of the various communications networks and protocols will enable you to better recognize the needs of a customer's operating environment and system requirements. This will help you understand customer bid specs and broaden your capability to recommend additional accessories. This course is intended to help Caterpillar and dealer Electric Power sales professionals, PSSRs, technical communicators (TCs) and service technicians better understand how electronic communications technology is applied to electric power systems. Course duration: 1 hr.	1:00	English	1
40476	Cat MCS Alarm & Protection System - Troubleshooting, Marine and Petroleum Systems - 40476	ILT	This ILT module is designed for the more experienced Marine and Petroleum Technician who will be involved in the Installation and Troubleshooting of Type Class Approved Systems on Vessels, Petroleum Rigs, and Inland Marine and Petroleum Systems.	32:00:00	English	1
53006	Cat Military Electronic Technician (ET) and Electrical Schematics	ILT	This three-day (24 hour) course will provide theory, troubleshooting and hands-on training of Cat® Military Electronic Technician and Troubleshooting using Electrical Schematics. This course will consist of: <ul style="list-style-type: none"> • Displaying all status parameters • How to view active event and diagnostic codes • Troubleshooting diagnostic codes using Military ET • How to clear logged event and diagnostic codes • How to flash program an ECM using WinFlash • Manipulate the configuration of the ECM • Recording machine information • Retrieving machine totals • Performing diagnostic tests and calibrations • Troubleshooting systems with ECMs • How to connect and use Communication Adapter Kits II and 3 • How to create a Product Status Report • How to troubleshoot using electrical schematics <p>There will be a written examination at the end of the course</p> <p>Who Should Attend:</p> <ul style="list-style-type: none"> • Skill Level - 20 or Higher Maintainers (Sergeants and above) • Logistics Assistance Representatives (LARs) • Field Service Representatives (FSRs) • Training Instructors • Technical Inspectors 	3 Days	English	1

40480	Cat MSCS, Multi-Station Control System - Troubleshooting	ILT	This module is designed for the Expert Marine Technician. All students should have a working knowledge of basic electrical and electronic systems used within Caterpillar products. The Advanced Level Marine Controls Curriculum is included and delivered prior to this Expert Level Training offered only at Cat Facilities.	32:00:00	English	1
40959	Cat UPS Application VILT	ILT	In today's market, maximizing value involves understanding each customer's needs and providing the best options for their application. This session was developed to demonstrate how understanding the product better ensures that you are providing the customer with the best value for their application.	2 hours	English	0
26248 ILT	Cat UPS Flywheel	ILT	This course is an instructor led training for Dealer Electric Power Service Technicians responsible for commissioning, repairing and providing preventative maintenance for the Caterpillar Flywheel UPS. This course will provide training on the product as well as the tools used to support the product. This course is designed for someone with a strong electrical background and an understanding of UPS systems. Participants will be required to demonstrate their knowledge of installation, operation and service of the Flywheel UPS product upon completion of the course. This course provides an in-depth study and hands-on activity for installation, start-up, maintenance and repairs on the current Caterpillar UPS Flywheel product. Special Instructions: Equipment that is required to be provided by each participant includes laptop computer, certified voltage rated electrical gloves (600volt minimum) and natural fiber clothing (eg.cotton). Electrical hazard rated safety shoes are recommended. Note: This course was identified in the past as Cat UPS 300/600/900.	36:00:00	English	1
28737M	Caterpillar Certification Assessment: Air Conditioning	SCORM 1.2	Welcome to the Air Conditioning Certification Assessment. This test is designed to measure your ability to diagnose air conditioning problems on Caterpillar machines and engines. The topics include: Basic Air Conditioning A/C	1:00	English	1
28738M	Caterpillar Certification Assessment: Brakes	SCORM 1.2	Welcome to the Brake Certification Assessment. This test is designed to measure your ability to diagnose brakes problems on Caterpillar machines and engines. The topics include: Mechanically Activated and Hydraulic Boosted Brake System Air Over Hydraulic Brake System Hydraulic Accumulator Brake System Air Brake System There are 35 questions in the test. You may access SIS-Web. You have one hour to complete the test. If you do not complete the assessment within the allotted time, your score will be marked as incomplete. You will have to wait one month before you can try again. When you answer a question and click the Submit button, you automatically advance to the next question without receiving feedback. When you complete all questions, your score will be provided and recorded. You must score 80 percent or higher on the assessment in order to become certified. When you have successfully completed the assessment, you will be presented with information on how to print a certificate of completion from your computer, and to whom you must submit your certificate for proof of completion. If you do not successfully complete the assessment, you will be provided with remediation information	1:00	English	1
28739M	Caterpillar Certification Assessment: Electronics	SCORM 1.2	Welcome to the Electrical/Electronics Certification Assessment. This test is designed to measure your ability to diagnose electrical/electronics problems on Caterpillar machines and engines. The topics include: Basic Electricity Electrical Circuit Components Batteries, Charging, and Starting Electrical/Electronics Components There are 50 questions in the test. You may access SIS-Web. When you answer a question and click the Submit button, you automatically advance to the next question without receiving feedback. When you complete all questions, your score will be provided and recorded. You must score 80 percent or higher on the assessment in order to become certified. When you have successfully completed the assessment, you will be presented with information on how to print a certificate of completion from your computer, and to whom you must submit your certificate for proof of completion. If you do not successfully complete the assessment, you will be provided with remediation information.	2:00	English	1

28742M	Caterpillar Certification Assessment: Engine Performance	SCORM 1.2	<p>Welcome to the Engine Performance Certification Assessment. This test is designed to measure your ability to diagnose engine performance problems on Caterpillar machines and engines. The topics include:</p> <p>Fuel System - Pump and Line: Cat 3406 and 3054 Engine Performance</p> <p>Air Management Systems Cat 3116 Engine Performance Course EUI Fuel Systems: C15 ACERT Engine Performance Course HEUI Fuel Systems: C-9 Engine Performance Course</p> <p>There are 45 questions on the test. You may access SIS-Web. You will have 1 hour to complete the test. If you do not complete the assessment within the allotted time, your score will be marked as incomplete. You will have to wait one month before you can try again.</p> <p>When you answer a question and click the Submit button, you automatically advance to the next question without receiving feedback. When you complete all questions, your score will be provided and recorded.</p> <p>You must score 80 percent or higher on the assessment in order to become certified. When you have successfully completed the assessment, you will be presented with information on how to print a certificate of completion from your computer, and to whom you must submit your certificate for proof of completion. If you do not successfully complete the assessment, you will be provided with</p>	1:00	English	1
28741M	Caterpillar Certification Assessment: Engine Repair	SCORM 1.2	<p>Welcome to the Engine Repair Certification Assessment. This test is designed to measure your ability to do visual inspections, decide if an adjustment, replacement, or repair is needed, determine the reusability of a part based on reusability guidelines, and determine if assembly procedures were properly followed. The topics include:</p> <p>Engine Repair Part I Engine Repair Part II</p> <p>There are 36 questions in the test. You may access SIS-Web. You have 1 hour to complete the test. If you do not complete the assessment within the allotted time, your score will be marked as incomplete. You will have to wait one month before you can try again.</p> <p>When you answer a question and click the Submit button, you automatically advance to the next question without receiving feedback. When you complete all questions, your score will be provided and recorded.</p> <p>You must score 80 percent or higher on the assessment in order to become certified. When you have successfully completed the assessment, you will be presented with information on how to print a certificate of completion from your computer, and to whom you must submit your certificate for proof of completion. If you do not successfully complete the assessment, you will be provided with remediation information.</p> <p>NOTE: There are two courses in the Remediation Recommendation that are currently inactive. The course are 26913 - Engine Repair 1 and 26914 - Engine Repair II. We are aware of the situation and working on fixing it.</p>	1:00	English	1
28740M	Caterpillar Certification Assessment: Hydraulics	SCORM 1.2	<p>Welcome to the Hydraulic Systems Certification Assessment. This test is designed to measure your ability to diagnose hydraulic system problems on Caterpillar machines and engines. The topics include:</p> <p>Hydraulic System Fundamentals</p>	1:30	English	1
27557M	Caterpillar Certification Assessment: Powertrain	SCORM 1.2	<p>Welcome to the Powertrain Certification Assessment. This test is designed to measure your ability to diagnose Powertrain problems on Caterpillar machines and engines. The topics include:</p> <p>Torque Converter Manual Transmission Powershift Transmission - Planetary Type Powershift Transmission - Countershaft Type Steering Clutch and Brake Undercarriage</p> <p>There are 32 questions in the test. You may access SIS-Web. You have one hour to complete the test. If you do not complete the assessment within the allotted time, your score will be marked as incomplete. You will have to wait one month before you can try again.</p> <p>When you answer a question and click the Submit button, you automatically advance to the next question without receiving feedback. When you complete all questions, your score will be provided and recorded.</p> <p>You must score 80 percent or higher on the assessment in order to become certified. When you have successfully completed the assessment, you will be presented with information on how to print a certificate of completion from your computer, and to whom you must submit your certificate for proof of completion. If you do not successfully complete the assessment, you will be provided with remediation information.</p>	1:00	English	1

40802M	Caterpillar's Vital Information Management System (VIMS)	AICC	This course offers a fundamental overview of the Vital Information Management System (VIMS). This course also introduces VIMS for non-mining applications. VIMS is a system that monitors machine status and health information to aid in keeping equipment performing at optimum productivity and with minimal downtime.	1:00	English	1
40599M	Caterpillar - Brand Advocate	Multiple SCO SCORM 1.2	The intent of this instructor-led Brand Advocate Training is to give brand advocates a greater understanding of and deeper appreciation for the value of the Cat brand, and all of the brands in our enterprise portfolio. The skills learned in this course will help each advocate drive brand-enhancing decisions that will benefit their business unit and the enterprise at large. PLEASE NOTE: This course is intended for current brand advocates, or those wanting to become brand advocates. Completion of this course is a commitment to strengthen and proactively manage our brands. Becoming an advocate is an opportunity to build skills that will help you throughout your career.	0:30	English	1
40371M	Customer Problem Solving	SCORM 1.2	At Caterpillar, we want loyal customers for life! The way you personally handle customer problem solving is a moment of truth for Caterpillar and the customer. The way that you respond and recover will affect how your customers perceive Caterpillar and directly impacts their loyalty. Listening is the purest way you can show an intense focus on the customer. Good listening skills are especially critical when a customer is trying to communicate their problem or issue. Your commitment to listen to our customers will ensure they have positive experiences and remain loyal Caterpillar customers. After completion, proceed to the next (third) module in the series - Creating Exceptional Customer Experiences: Customer Connections and Commitments.	1:00	English	1
33719 ILT	D3500 Electronics and Diagnostics	ILT	This course will teach the maintenance, repair, and programming of the Cat 3500 diesel engine electronic system and related wiring harness, sensors, and component hardware. An in depth study of effective electronics and diagnostic troubleshooting techniques for engine electronic control systems will be taught. Emphasis will be placed with hands-on electronic diagnostic repair procedures on an operational 3500 diesel engine. Effective use of Caterpillar service literature will be discussed, especially Troubleshooting Guides and Schematics. Note: This course is for diesel engines only. NO PREREQUISITES REQUIRED	36:00:00	English	1
26247 ILT	D3500 Master Mechanic	ILT	This course covers system operations and adjusting, troubleshooting techniques, and repair of Caterpillar D3500 A,B,C Engines, with a primary emphasis on planned maintenance and repair. There will be many hands-on-iron activities including head and piston disassembly and assembly, and all performance and iron adjustments and procedures. Effective use of Caterpillar service literature will be discussed. Note: This course is for diesel engines only.	36:00:00	English	1
26244 ILT	D3600 Master Mechanic	ILT	This course covers system operation and teaches service procedures unique to 3606, 3608, 3612, and 3616/C280 Engines. Special tooling is used, which includes hydraulic tensioning equipment, to disassemble, assemble and adjust various engine components. Course duration: 4.5 days.	36:00:00	English	1
53014	D6K Dozer Maintenance	ILT	This course is a five-day (40 hour), Field-Level Maintenance New Equipment Training (FLMNET) and will provide theory and hands-on training for Caterpillar D6K Dozer consisting of: <ul style="list-style-type: none"> • Identify major machine components • The use of on-board diagnostics • Complete study of hydraulic and electrical schematics • Systems operations • Troubleshooting with ECMS • Calibration of ECMS • Critical machine adjustments • The use of CAT Military ET <p>There will be a written examination after each lesson is covered.</p> <p>Additional Information:</p> <p>The MSD or a PC is needed to use service tool and diagnostic software.</p>	5 Day	English	1

53007	D6K Dozer Service Training - Level II	ILT	<p>This is a five-day (40 hour), Level II course for service personnel who understand the principals of machine system operation, diagnostic equipment and procedures for testing and adjusting. This course will provide theory and hands-on training for Caterpillar D6K Dozer consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • The use of on-board diagnostics • Complete study of hydraulic and electrical schematics • Systems operations • Troubleshooting with ECMs • Calibration of ECMs • Critical machine adjustments • The use of CAT Military ET <p>There will be a written examination after each lesson is covered.</p> <p>Who Should Attend:</p> <ul style="list-style-type: none"> • Skill Level - 20 or Higher Maintainers (Sergeants and above) • Logistics Assistance Representatives (LARs) • Field Service Representatives (FSRs) • Training Instructors • Technical Inspectors <p>Request this five-day course at your location. Select the "Request this course at my location" link and complete the Field School Request Form. You will receive an e-mail with further information. Price will</p>	5 Days	English	1
53015	D7R Series II Dozer Maintenance	ILT	<p>This course is a five-day (40 hour), Field-Level Maintenance New Equipment Training (FLMNET) and will provide theory and hands-on training for Caterpillar D7R Series II Dozer consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • The use of on-board diagnostics • Complete study of hydraulic and electrical schematics • Systems operations • Troubleshooting with ECMs • Calibration of ECMs • Critical machine adjustments • The use of CAT Military ET <p>There will be a written examination after each lesson is covered.</p> <p>Additional Information:</p> <p>The MSD or a PC is needed to use service tool and diagnostic software.</p>	5 Days	English	1
53020	D7R Series II Dozer Maintenance	ILT	<p>This course is a five-day (40 hour), Field-Level Maintenance New Equipment Training (FLMNET) and will provide theory and hands-on training for the Caterpillar D7R Series II Deep Water Forging Dozer consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • The use of on-board diagnostics • Complete study of hydraulic and electrical schematics • Systems operations • Troubleshooting with ECMs • Calibration of ECMs • Critical machine adjustments • The use of CAT Military ET <p>There will be a written examination after each lesson is covered.</p> <p>Additional Information:</p> <p>The Doctor Diesel Kit or a PC is needed to use service tool and diagnostic software.</p>	5 Days	English	1
53023	D7R Series II Dozer Operator	ILT	<p>This course is a three-day (24 hour), Operator New Equipment Training (OPNET) course and will provide theory and hands-on training for the Caterpillar D7R Series II Deep Water Forging Dozer consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • Perform PMCS on machine • Perform basic dozer operations • Perform basic winch operations • Perform water fording operations <p>There will be a written examination after each lesson is covered.</p>	3 Days	English	1

53008	D7R-II Track-Type Tractor Advanced Service Training - Level II	ILT	<p>This is a five-day (40 hour), advanced level II course for service personnel who understand the principals of machine system operation, diagnostic equipment and procedures for testing and adjusting. This course will provide theory and hands-on training for Caterpillar D7R Series II Track-Type Tractor consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • The use of on-board diagnostics • Complete study of hydraulic and electrical schematics • Systems operations • Troubleshooting with ECMs • Calibration of ECMs • Critical machine adjustments • The use of CAT Military ET <p>There will be a written examination after each lesson is covered.</p> <p>Who Should Attend:</p> <ul style="list-style-type: none"> • Skill Level - 20 or Higher Maintainers (Sergeants and above) • Logistics Assistance Representatives (LARs) • Field Service Representatives (FSRs) • Training Instructors • Technical Inspectors <p>Request this five-day course at your location. Select the "Request this course at my location" link and complete the Field School Request Form. You will receive an e-mail with further information. Price will</p>		English	1
40261M	D9T Track-Type Tractor	AICC	<p>The D9T has a reputation for outstanding productivity, operator comfort, and robust reliability. It is a popular machine in heavy construction, quarries, and smaller surface mine sites. Because of its size, it makes a great utility machine at a mine and is useful for removing overburden or in mine reclamation. The D9T also works well in loose or blasted material. This machine has high utility value that enables it to easily move from task to task on a mine site, such as leveling truck dumps, ripping, or feeding a coal hopper.</p>	1:00	English	1
53016	DEUCE Maintenance Training	ILT	<p>This course is a five-day (40 hour), Field-Level Maintenance New Equipment Training (FLMNET) and will provide theory and hands-on training for Caterpillar Deployable Universal Combat Earthmover (DEUCE) consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • The use of on-board diagnostics • Complete study of hydraulic and electrical schematics • Systems operations • Power Train • Critical machine adjustments • The use of Military ET <p>There will be a written examination at the end of the course.</p> <p>Additional Information:</p> <p>Request this five-day course at your location. Select the "Request this course at my location" link and complete the Field School Request Form. You will receive an e-mail with further information. Price will be determined based on location requested. An eight student commitment is required</p>	5 Days	English	1
53017	DEUCE Operator Training	ILT	<p>This course is a three-day (24 hour), Operator New Equipment Training (OPNET) and will provide theory and hands-on training for Caterpillar Deployable Universal Combat Earthmover (DEUCE) consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • The use of on-board diagnostics • Perform PMCS on machine • Perform basic earth moving operations • Perform machine transportation procedures • Operate the machine in Self-Deploy mode • Perform emergency charging of the belt tension system <p>There will be a written examination after each major system is covered.</p> <p>Additional Information:</p> <p>Request this three-day course at your location. Select the "Request this course at my location" link and complete the Field School Request Form. You will receive an e-mail with further information. Price will be determined based on location requested. An eight student commitment is required.</p>	3 Days	English	1
40113M	ELE C01 - Key Features of Electricity	AICC	<p>This course is an introduction to the characteristics of electricity.</p>	v	English	1
40114M	ELE C02 - Electrical Schematics	AICC	<p>This course is an introduction to electrical schematics.</p>	1:00	English	1

40115M	ELE C03 - Measuring Electrical Circuits	AICC	This course is an introduction to measuring electrical circuits.	1:00	English	1
40018M	ELE C04 - Electrical Circuit Types	AICC	This course is an introduction to the identification, operation and diagnosis of electrical circuits.	1:00	English	1
40017M	ELE C05 - Electrical Circuit Faults	AICC	This course is an introduction to the identification and diagnosis of electrical circuit faults. It is necessary for you to be able to identify characteristics of electrical circuit faults in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	0:30	English	1
40016M	ELE C06 - Wire Connectors	AICC	This course is an introduction to the identification, operation and diagnosis of wire connectors.	0:30	English	1
40015M	ELE C07 - Wire Types, Terminals and Harnesses	AICC	This course is an introduction to the identification, operation and diagnosis of wire types, terminals and harnesses.	1:00	English	1
40013M	ELE C08 - Circuit Devices	AICC	This course is an introduction to the correct operation and diagnosis of switches, relays, and resistors.	1:00	English	1
40014M	ELE C09 - Circuit Protection Devices	AICC	This course is an introduction to the correct operation and diagnosis of circuit protection devices.	1:00	English	1
40028M	ELE C10 - Electrical Motors	AICC	This course is an introduction to the identification, operation and diagnosis of electrical motors.	1:00	English	1
40012M	ELE C11 - Semi-Conductors	AICC	This course is an introduction to the identification, operation and diagnosis of electronic semi-conductors (diode, Zener diode, and capacitors).	1:00	English	1
40019M	ELE C12.1 - Electrical Circuit Inputs: Switches	AICC	This course is an introduction to the identification, operation and diagnosis of electronic circuit inputs and switches.	1:00	English	1
40029M	ELE C12.2 - Position Sensors	AICC	This course is an introduction to the identification, operation and diagnosis of electronic circuit input position sensors.	1:00	English	1
40042M	ELE C12.3 - Electrical Circuit Inputs: Temperature and Pressure Sensors	AICC	This course is an introduction to the identification, operation and diagnosis of electronic circuit input temperature and pressure sensors.	1:00	English	1
40030M	ELE C12.4 - Electrical Circuit Inputs: Speed/Timing Sensors	AICC	This course is an introduction to the identification, operation and diagnosis of electronic circuit input speed/timing sensors.	1:00	English	1
40031M	ELE C13 - Circuit Processors	AICC	In this course you will identify key components and correct operation of the ECM.	1:00	English	1
40027M	ELE C14 - Circuit Outputs: Components	AICC	In this course you will identify key components and correct operation of circuit outputs.	1:00	English	1
40026M	ELE C15 - Battery System	AICC	In this course you will identify the correct operation, inspection and diagnosis of the battery system.	1:00	English	1
40041M	ELE C16 - Starting System	AICC	This course is an introduction to the operation, inspection, and diagnosis of the starting system.	1:00	English	1
40062M	ELE C17 - Charging System	AICC	This course is an introduction to the correct operation, inspection and diagnosis of the charging system.	1:00	English	1
40116M	Electric Power Product Sales Alternatives	AICC	<p>Customers' needs for on-site electric power can be met through a number of different product alternatives. Quite often a customer's product request or specification, which can be based on a preconceived idea or outside influence, may not be the only or best way to meet his or her needs. It is important that the sales professional understands the merits of alternative solutions and develops proposals, which can both satisfy the customer's needs and are practical for the dealer. The latter point is important because at times the sales professional's offering may be limited or require deviations from the spec/customer's request due to the availability of price list options, cost effectiveness and/or inventory constraints.</p> <p>This course is intended for Cat® dealer sales professionals, Caterpillar field representatives, as well as those interested in learning more about electric power gas and diesel generator set Product Sales Alternatives.</p> <p>(Estimated time of completion - 1 hour)</p>	1:00	English	1
26955M	Electrical Diagnostic Exercise 14	SCORM 1.2	This module will allow the technician to practice diagnosing and troubleshooting a realistic problem using a simulated diagnostic exercise. Estimated time 20 mins	0:20	English	1
26918M	Electrical Diagnostic Exercise 15	SCORM 1.2	This module will allow the technician to practice diagnosing and troubleshooting a realistic problem using a simulated diagnostic exercise. Estimated time 20 mins.	0:20	English	1
41148M	Electrical Fundamentals	SCORM 1.2	This course identifies and describes basic electrical terms and components	1:00	English	1
26679 ILT	Electronics Troubleshooting I	ILT	This course consists of a WBT and Hands-On component. Intended for Caterpillar service technicians, this course will familiarize the learner with specific electrical/electronic troubleshooting and repair techniques to supplement information covered in the WBT component of this training. Topics include diagnosing electrical/electronic concerns, demonstrating diagnostic procedures, and repair techniques. This program is intended for Caterpillar Service Technicians who have completed the WBT prerequisite component of this course. This Hands-On component allows Caterpillar Service Technicians to practice and demonstrate lessons learned throughout the course. This component focuses on the inspection, service, and equipment required to perform electrical/electronic repairs.	40:00:00	English	1

40941M	EMCP 4	AICC	<p>This module explains how the features and functionality of the EMCP 4 control units best meet our customers' needs and preferences. You will learn distinguishing features of the EMCP 4 and how customers can improve their operating efficiency and equipment protection with this new lineup. Simply put, the EMCP 4 controllers are easier to use and offer far greater functionality than the previous models.</p> <p>This course is intended for Cat dealers, sales and engineering professionals, Caterpillar field representatives, as well as those interested in learning more about this product.</p> <p>This is an intermediate level course.</p> <p>Course duration: 1 hr.</p>	1:00	English	1
40002	EMCP 4.1 / 4.2 Controls	ILT	The EMCP 4.1 / 4.2 Control, provides an in-depth study and hands on activities for installation, start-up, and maintenance of the EMCP 4.1 and EMCP 4.2 control. The class will also focus on the application and programming of the EMCP 4.1 and EMCP 4.2 and peripheral modules.	24:00:00	English	1
40004	EMCP 4.3 / 4.4 Controls	ILT	The EMCP 4.3 / 4.4 Controls Class, provides an in-depth study and hands on activities for installation, start-up, tuning, maintenance, and troubleshooting of the EMCP 4.3 and EMCP 4.4 controls.		English	1
25906M	Engine Performance Diagnostic Exercise 18B	SCORM 1.2	This module will allow the technician to practice diagnosing and troubleshooting a realistic problem using a simulated diagnostic exercise. Estimated time 20 mins.	0:20	English	1
26920M	Engine Performance Diagnostic Exercise 20	SCORM 1.2	This module will allow the technician to practice diagnosing and troubleshooting a realistic problem using a simulated diagnostic exercise. Estimated time 20 mins	0:20	English	1
25946M	Engine Performance Diagnostic Exercise 21	SCORM 1.2	This module will allow the technician to practice diagnosing and troubleshooting a realistic problem using a simulated diagnostic exercise. Estimated time 20 mins.	0:20	English	1
26919M	Engine Repair Diagnostic Exercise 16	SCORM 1.2	This module will allow the technician to practice diagnosing and troubleshooting a realistic problem using a simulated diagnostic exercise. Estimated time 20 mins.	0:30	English	1
26266M	Engine Repair Diagnostic Exercise 17	SCORM 1.2	This module will allow the technician to practice diagnosing and troubleshooting a realistic problem using a simulated diagnostic exercise. Estimated time 20 mins.	0:20	English	1
26949M	EP C01 - Cat 3406 and 3054 Engine Performance Course	AICC	This course is an introduction to the diesel engine performance, four stroke theory and the fuel systems of the Cat 3406 and 3054 engines.	1:00	English	1
41495M	EP C01.5 - Cat 3406 and 3054 Fuel Injection Components	AICC	This course is an introduction to the diesel engine fuel injection system components of the Cat 3406 and 3054 engines.	1:00	English	1
20187M	EP C02 - Cat 3406 Air Management	AICC	This course is an introduction to how the Caterpillar diesel engine performance is affected by the air management systems and air management components.	1:00	English	1
26848M	EP C03 - Cat 3116 MUI Fuel System	AICC	This course is an introduction to the Cat 3116 engine correct operation and diagnosis procedures for the engine and its components.	1:00	English	1
26915M	EP C04 - Cat C15 Engine Electronic Control System	AICC	This course is an introduction to the correct operation and diagnostic procedures for the Electronic Unit Injection (EUI) electronic engine control system and its components.	1:00	English	1
26916M	EP C05 - Cat C-9 Engine Electronic Control System	AICC	This course covers identification, operation, diagnosis, and service procedures for a hydraulically actuated, electronically controlled, unit injector (HEUI) fuel system. Caterpillar C-9 engines are the focus for this course. The major components of the C-9 engine covered include the electronic engine control system, the HEUI fuel injector, and injector actuation. The application of Caterpillar Electronic Technician (ET) and digital multimeter (DMM) is introduced. Estimated time 2.00 hours.	2:00	English	1
40246	Equipment Management Solutions	ILT	Going forward, CAT Dealers will be offering Equipment Management Solutions (EMSolutions). There are five levels of customer equipment management solutions – Access, Inform, Advise, Support and Manage. During the session, participants will learn how to construct a concise customer “elevator speech” on equipment management, and learn how to discuss and position CAT Dealer equipment management solutions to customers. There will be emphasis on Product Link and Vision Link information supporting customers to drive good equipment management practices. Customers are moving aggressively towards proactive equipment management, and this course will equip participants to capture business, build better relationships with customers, and add value to their customer interactions.	4 hours	English	1
41134M	ER C01 - Cat Diesel Engines	AICC	This course is an introduction to the identification, operation and visual inspection of the Cat diesel engine and cylinder block. It is necessary for you to be able to identify the normal operation of the diesel engine to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
41135M	ER C02 - Diesel Engine Cylinder Block	AICC	This course is an introduction to the key features of the Cat diesel engine cylinder block. It is important to learn the key features of the engine cylinder block in order to better understand its operation and capabilities.	1:00	English	1

41136M	ER C03 - Diesel Engine Cylinder Head Assembly	AICC	This course is an introduction to the key components of the Cat diesel engine cylinder head. It is important to learn the key components of the engine cylinder head in order to better understand its operation and capabilities, and be able to diagnose concerns.	1:00	English	1
40434M	ER C04 - Diesel Engine Valve Train	AICC	This course is an introduction to the key components of the valve train assembly. It is important to learn the key components of the valve train assembly in order to better understand its operation and capabilities, and be able to diagnose concerns	1:00	English	1
40435M	ER C05 - Diesel Engine Camshaft	AICC	This course is an introduction to the key components of the diesel engine camshaft. It is important to learn the key components of the camshaft in order to better understand its operation and capabilities, and be able to diagnose concerns.	1:00	English	1
40436M	ER C06 - Diesel Engine Crankshaft	AICC	This course is an introduction to the key components of the Cat diesel engine crankshaft. It is important to learn the key components of the crankshaft to better understand its operation and capabilities, and be able to diagnose concerns.	1:00	English	1
41300M	ER C07 - Diesel Engine Front Gear Train	AICC	This course is an introduction to the key components of the Cat diesel engine front gear train assembly. It is important to learn the key components of the front gear train to better understand its operation and capabilities, and be able to diagnose concerns.	1:00	English	1
40437M	ER C08 - Diesel Engine Piston Assembly	AICC	This course is an introduction to the key components of the Cat diesel engine piston assembly. It is important to learn the key components of the piston assembly to better understand its operation and capabilities, and be able to diagnose concerns.	1:00	English	1
41301M	ER C09 - Diesel Engine Front Gear Train	AICC	This course is an introduction to the key components of the Cat diesel engine connecting rod. It is important to learn the key components of the connecting rod to better understand its operation and capabilities, and be able to diagnose concerns.	0:30	English	1
41302M	ER C10 - Diesel Engine Cooling System and Radiator	AICC	This course is an introduction to the key components of the Cat diesel engine cooling system and radiator. It is important to learn the key components of the cooling systems to better understand its operation and capabilities, and be able to diagnose concerns.	1:00	English	1
41303M	ER C11 - Diesel Engine Cooling System Components	AICC	This course is an introduction to the Cat diesel engine cooling systems key components. It is important to learn the key components of the cooling system to better understand its operation and capabilities, and be able to diagnose concerns.	1:00	English	1
41304M	ER C12 - Cat Diesel Engine Lubrication System	AICC	This course is an introduction to the Cat diesel engine lubrication system components. It is important to learn the lubrication system to better understand its operation and capabilities, and be able to diagnose concerns.	1:00	English	1
41305M	ER C13 - Cat Diesel Engine Oil Pumps	AICC	This course is an introduction to the Cat diesel engine oil pumps and components. It is important to learn about the oil pumps and components to better understand its operation and capabilities, and be able to diagnose concerns.	1:00	English	1
41508M	Extended Service Coverage for Electric Power	AICC	The purpose of this course is to equip Electric Power Systems Sales Professionals and Caterpillar Sales Representatives with the knowledge to support their everyday selling efforts of Extended Service Coverage to electric power customers.	1:00	English	1
40119M	Federal Bridge Laws	AICC	The purpose of this course is to familiarize you with the usage of the Bridge formula. The Bridge Formula establishes the maximum weight any set of axles on a motor vehicle may carry on the interstate highway system. This course describes the Bridge Formula, why it was established, and how it is used.	0:30	English	1

40102M	Financing Generator Sets	AICC	<p>This course will support Electric Power sales personnel by providing them with a variety of valuable information about the financing opportunities and guidelines to follow when selling power generation systems.</p> <p>It should be noted that the information in this training course describes general practices in the financing industry. Because countries have different financial products, laws, taxes, and other variables, this training does not cover all aspects or details that are particular to each country.</p> <p>This course is intended for Caterpillar Electric Power dealer sales professionals, Caterpillar field representatives, as well as those interested in learning more about this process.</p> <p>(Estimated time of completion - 1 hour)</p>	1:00	English	1
41455M	Fundamentals of Paralleling Generator Sets	AICC	<p>This course provides a basic understanding of generator set paralleling, including the system components, the site conditions required, and the advantages and disadvantages of paralleling versus a single unit system.</p> <p>We will cover relevant terminology, load control methods, and typical equipment requirements. There is also a site evaluation scenario that will walk you through a typical customer application. The exercise will help explain the thought process required when evaluating an application and making the proper system recommendation to your customer.</p>		English	1
53011	H-Series Wheel Loader Service Training - Level II	ILT	<p>This is a five-day (40 hour), Level II course for service personnel who understand the principals of machine system operation, diagnostic equipment and procedures for testing and adjusting. This course will provide theory and hands-on training for the Caterpillar 924H and 966H Wheel Loader consisting of:</p> <ul style="list-style-type: none"> • Identify major machine components • The use of on-board diagnostics • Complete study of hydraulic and electrical schematics • Systems operations • Troubleshooting with ECMs • Calibration of ECMs • Critical machine adjustments • The use of CAT Military ET <p>There will be a written examination after each lesson is covered.</p> <p>Who Should Attend:</p> <ul style="list-style-type: none"> • Skill Level - 20 or Higher Maintainers (Sergeants and above) • Logistics Assistance Representatives (LARs) • Field Service Representatives (FSRs) • Training Instructors • Technical Inspectors <p>Additional Information:</p>	5 Days	English	1
33900M	HYD C01 - Basic Hydraulic Systems	SCORM 1.2	<p>This course is an introduction to the identification and application of the basic principles and characteristics of hydraulic systems.</p>	1:00	English	1
33901M	HYD C02 - Hydraulic Schematics	AICC	<p>This course is an introduction to the interpretation of hydraulic symbols and schematics.</p>	1:00	English	1
33902M	HYD C03 - Hydraulic Series and Parallel Circuits	SCORM 1.2		1:00	English	1
33903M	HYD C04 - Fixed Displacement Hydraulic Circuits	AICC	<p>This course is an introduction to the correct operation, diagnosis and service procedures for a fixed displacement hydraulic circuit and its components. It is necessary for you to know the normal operation of a fixed displacement hydraulic circuit in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.</p>	1:00	English	1
33964M	HYD C05.1 - Hydraulic Conductor Components, Part 1	AICC	<p>This is Part 1 of a two-part course that introduces the diagnosis and service procedures for hydraulic conductor components. It is necessary for you to know the normal operation of a fixed displacement hydraulic circuit in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.</p>	1:00	English	1
33904M	HYD C05.2 - Hydraulic Conductor Components, Part 2	AICC	<p>This is Part 2 of a two-part course that introduces the diagnosis and service procedures for hydraulic conductor components. It is necessary for you to know the normal operation of a fixed displacement hydraulic circuit in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.</p>	1:00	English	1

33905M	HYD C06 - Hydraulic Motors and Pumps	AICC	This course is an introduction to the correct operation and diagnosis of fixed displacement hydraulic pumps and motors. It is necessary for you to know the normal operation of fixed displacement hydraulic pumps and motors in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
33955M	HYD C07 - Pressure Control Valve	AICC	This course is an introduction to the correct operation, diagnosis and service procedures for a fixed displacement hydraulic circuit and its components. It is necessary for you to know the normal operation of a fixed displacement hydraulic circuit in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
33954M	HYD C08.1 - Directional Control Valve, Part 1	AICC	This is Part 1 of a two-part course that introduces the correct operation, diagnosis and service procedures for directional control valves. It is necessary for you to know the normal operation of directional control valves in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
33965M	HYD C08.2 - Directional Control Valve, Part 2	AICC	This is Part 2 of a two-part course that introduces the correct operation, diagnosis and service procedures for directional control valves. It is necessary for you to know the normal operation of directional control valves in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
33953M	HYD C09 - Control Circuits	AICC	This course is an introduction to the correct operation and diagnosis of control circuits in a fixed displacement hydraulic circuit. It is necessary for you to know the normal operation of control circuits in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
34002M	HYD C10 - Flow Control Valves	AICC	There are two general types of flow control valves; non-compensated and pressure compensated. Likewise, for each type, a flow control valve may either contain a fixed or variable orifice.	1:00	English	1
34003M	HYD C11 - Hydraulic Cylinders and Accumulators	AICC	This course is an introduction to the key components and correct operation of hydraulic cylinders and accumulators. It is necessary for you to know the correct operation of hydraulic cylinders and accumulators in order to diagnose concerns accurately. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
34004M	HYD C12 - Load Sensing, Pressure Compensating Hydraulic Circuits	AICC	This course is an introduction to the correct operation and diagnosis of load sensing, pressure compensated hydraulic circuits. It is necessary for you to know the normal operation of load sensing, pressure compensated hydraulic circuits in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
34033M	HYD C13 - Load Sensing, Pressure Cutoff Hydraulic Circuits	AICC	This course is an introduction to the correct operation and diagnosis of load sensing, pressure cutoff hydraulic circuits. It is necessary for you to know the normal operation of load sensing, pressure cutoff hydraulic circuits in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
34005M	HYD C14 - Negative Flow Control Hydraulic Circuits	AICC	This course is an introduction to the correct operation and diagnosis of negative flow control (NFC) hydraulic circuits. It is necessary for you to know the normal operation of negative flow control (NFC) hydraulic circuits in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
34006M	HYD C15 - Proportional Priority, Pressure Compensated Hydraulic Circuits	AICC	This course is an introduction to the correct operation and diagnosis of proportional priority, pressure compensated (PPPC) hydraulic circuits. It is necessary for you to know the normal operation of proportional priority, pressure compensated (PPPC) hydraulic circuits in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
34007M	HYD C16 - Electrohydraulic System Circuits	AICC	This course is an introduction to the correct operation and diagnosis of electro-hydraulic system circuits. It is necessary for you to know the normal operation of electro-hydraulic system circuits in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1

34008M	HYD C17.1 - Hydrostatic Hydraulic Circuits, Part 1	AICC	This is Part 1 of a three-part course that introduces the the correct operation, diagnosis and service procedures for hydrostatic hydraulic circuits and their components. It is necessary for you to know the normal operation of a hydrostatic hydraulic circuit in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
34009M	HYD C17.2 - Hydrostatic Hydraulic Circuits, Part 2	AICC	This is Part 2 of a three-part course that introduces the correct operation, diagnosis and service procedures for hydrostatic hydraulic circuits and their components. It is necessary for you to know the normal operation of a hydrostatic hydraulic circuit in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction. For the purposes of this module, we will use a speed sensing valve, which is utilized on an automatically controlled drive system, similar to one used in a 906 wheel loader.	1:00	English	1
34011M	HYD C17.3 - Hydrostatic Hydraulic Circuits, Part 3	AICC	This is Part 3 of a three-part course that introduces the correct operation, diagnosis and service procedures for hydrostatic hydraulic circuits and their components. It is necessary for you to know the normal operation of a hydrostatic hydraulic circuit in order to accurately diagnose concerns. When diagnosing concerns, it is important that you use a proven systematic process that reinforces best practices, resulting in effective service and higher customer satisfaction.	1:00	English	1
26678M	Hydraulic Diagnostic Exercise 181	SCORM 1.2	This module will allow the technician to practice diagnosing and troubleshooting a realistic problem using a simulated diagnostic exercise. Estimated time 20 mins.	0:20	English	1
27136M	Hydraulic Diagnostic Exercise 184	SCORM 1.2	This module will allow the technician to practice diagnosing and troubleshooting a realistic problem using a simulated diagnostic exercise. Estimated time 20 mins.	0:20	English	1
25926M	Hydraulic Diagnostic Exercise 233	SCORM 1.2	troubleshooting a realistic problem using a simulated diagnostic exercise. Estimated time 20 mins.	0:20	English	1
25886M	Hydraulic Diagnostic Exercise 254	SCORM 1.2	This module will allow the technician to practice diagnosing and troubleshooting a realistic problem using a simulated diagnostic exercise. Estimated time 20 mins.	0:20	English	1
33400M	Intro to AFA Management	AICC	This online training module is intended to introduce you to the basics of AFA Management.	2:00	English	1
33407M	Intro to AFA Metallurgy	AICC	This online training module is designed to introduce you to the basics of AFA Metallurgy.	2:00	English	1
33403M	Intro to AFA Principles of Fractures	AICC	This online training module is designed to provide you the basics of AFA Principles of Fractures.	2:00	English	1
33402M	Intro to AFA Principles of Wear	AICC	This online training module is intended to introduce you to the basics of AFA Principles of Wear.	2:00	English	1
33401M	Intro to AFA Visual Examination	AICC	This online training module is designed to introduce you to the basics of AFA Visual Examination.	2:00	English	1
41451M	Introduction to Advanced Electrical Services (AES)	AICC	This module explains the Advanced Electrical Services business and how it benefits customers, dealers, and the Caterpillar organization as a whole. You will learn why AES is an important part of the Caterpillar vision and business model and how it will help solidify the company's and your dealership's position as preferred providers of total electrical supply system solutions for customers. AES adds significant value to customers' operations and can deliver significant, high-margin incremental revenue to dealerships that embrace it		English	1
41410M	Introduction to Owning and Operating Costs for Generator Sets	AICC	This course provides an overview of owning and operating costs for Cat generator sets, the cost factors that make up owning and operating costs, also referred to as O and O costs, and how they impact the customer.	1:00	English	1
41535M	Job Site Productivity	AICC	This course covers the major factors affecting productivity on a earthmoving jobsite including basic materials, major earthmoving systems, as well as theoretical productions calculations. This course provides the prerequisite knowledge required to attend a Machine Application and Production Seminar (MAPS) where all the concepts will be applied directly in the "dirt".	1:30	English	1
41558M	Life of a Deal - Australia Course 1 of 3	SCORM 1.2	This three part web based program a Financial Merchandising course designed to educate FPD employees and Caterpillar Equipment Dealer Sales Representatives on CFSC financial products and processes. This course offers a good overview of the processes providing participants with insight as to how FPD Territory Managers work with CAT Dealers and how the CAT Dealers work with end customers to provide their financing needs.	0:45	English	1
41559M	Life of a Deal - Australia Course 2 of 3	SCORM 1.2	This three part web based program a Financial Merchandising course designed to educate FPD employees and Caterpillar Equipment Dealer Sales Representatives on CFSC financial products and processes. This course offers a good overview of the processes providing participants with insight as to how FPD Territory Managers work with CAT Dealers and how the CAT Dealers work with end customers to provide their financing needs.	0:45	English	1

41562M	Life of a Deal - Australia Course 3 of 3	SCORM 1.2	This three part web based program a Financial Merchandising course designed to educate FPD employees and Caterpillar Equipment Dealer Sales Representatives on CFSC financial products and processes. This course offers a good overview of the processes providing participants with insight as to how FPD Territory Managers work with CAT Dealers and how the CAT Dealers work with end customers to provide their financing needs.	0:45	English	1
40832M	M&R Best Practices Document - Parts Management	SCORM 1.2	Parts Management is an essential logistical function of any maintenance and repair program.		English	1
40831M	M&R Best Practices Document - Backlog Management	SCORM 1.2	Backlog Management is a planning function designed to effectively manage pending repairs in order to schedule the repairs before equipment failure.		English	1
40834M	M&R Best Practices Document - Repair Management	SCORM 1.2	The main function of Repair Management is the organization and management of adequate resources to perform efficient and effective repairs, both scheduled and unscheduled.		English	1
40688	Marine Engine Systems Troubleshooting	ILT	This training is designed to prepare technicians to properly diagnose and troubleshoot marine engines and engine systems. The technician will be given instruction on the following marine engine systems; lube oil, diesel fuel, cooling, marine engine ratings and performance, hull types and propeller topology, ventilation/exhaust design parameters, and basic alignment/vibration procedures. Throughout the course the technician will troubleshoot various marine engine systems on a running marine engine. The completion of this course is one of the requirements to become a Certified Marine Analyst.	36:00:00	English	1
40391M	MG Fundamentals	AICC	This foundational level course will support you in becoming a trusted advisor to your customers. In this module, we will explore motor grader features and components, applications, operating techniques, customer segments, and key features and benefits	2:00	English	1
40772	MLC Gas Engines 1	ILT	Gas Engines I participants study the basic operating principles of gaseous fueled engines. Emphasis is on fuels, horsepower calculations, maintenance, fuel system, intake and exhaust system, and the timing and ignition system. In addition, the participants utilize some of the media resources that are available from Service Information System. The participants will review the definitions of some common gas engine terms. The participants will spend a portion of the class time doing hands on tests and adjustments on a running carbureted gas engine.	40:00:00	English	1
40773	MLC Gas Engines 2	ILT	This course covers the electrical systems and the special considerations necessitated by lean burn low emission gas engines. Emphasis will be placed on 3400 and 3500 series engines including the discussion of lean burn principles, associated wiring and accompanying control systems. Class time will be spent conducting tests and adjustments on a running lean burn low emission G3412C genset. Troubleshooting exercises will be conducted on Electronic Speed Switch (ESS) and Status Control Module (SCM) control and protection simulator systems and on the G3412C genset.	40:00:00	English	1
40372M	On-Highway Truck Transmission - Torque Converter Operation	AICC	On-highway truck customers need reliable power to find, produce, and deliver their product to the market. They rely on Cat engines and transmissions for reliable power to keep their operations up and running. They come with a long record of performance and reliability. On-highway truck customers' profit potential is maximized when downtime is minimized. This means servicing engines and transmissions quickly and expertly is crucial. This course will show you how to diagnose torque converter assembly concerns. The training is divided into the following chapters: Power Train Types and Applications, Torque Converter Operation, Torque Converter Diagnosis, Lockup Clutch, Inlet Relief Valve, Outlet Relief Valve, Oil Cooler, and Summary.	1:00	English	1
41563M	Online Marine Customer Support Center	AICC	The course, Online Marine Customer Support Center, is designed to provide Dealer Product Support Sales Representatives (PSSRs), Inside Sales Representatives (ISRs), Product Support Managers, Marine Product Support Managers, Marketing Managers, and Caterpillar PSSRs with the knowledge they need to execute a product support lead generation initiative at their Dealerships.	1:00	English	1
41128M	Operator Career Development Program: Articulated Trucks - Heavy Construction (725-740)	AICC	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 an articulated truck.	1:00	English	1
41534M	Operator Career Development Program: Articulated Trucks - Heavy Construction (725-740) Operator Career Development Program: Motor Grader - Quarry/Minin	AICC	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.	1:00	English	1

40359M	Operator Career Development Program: Backhoe Loaders	AICC	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 and experienced operator who can safely operate a backhoe loader.	1:00	English	1
40051M	Operator Career Development Program: Hydraulic Excavators - General Construction (301.5 318C)	AICC	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 and experienced operator who can safely operate an articulated truck.	1:00	English	1
40052M	Operator Career Development Program: Hydraulic Excavators - Heavy Construction (320B-350)	AICC	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 and experienced operator who can safely operate an articulated truck.	1:00	English	1
40053M	Operator Career Development Program: Hydraulic Excavators - Quarry/Mining (365B-5230B)	AICC	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 and experienced operator who can safely operate an articulated truck.	1:00	English	1
41298M	Operator Career Development Program: Motor Graders - Heavy Construction (120-12M)	AICC	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 and experienced operator who can safely operate a motor grader.	1:00	English	1
40054M	Operator Career Development Program: Off-Highway Trucks - Heavy Construction (769C-775F)	AICC	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 and experienced operator who can safely operate an articulated truck.	1:00	English	1
40055M	Operator Career Development Program: Off-Highway Trucks - Quarry/Mining (777B-797B)	AICC	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 and experienced operator who can safely operate an articulated truck.	1:00	English	1
40059M	Operator Career Development Program: Track-Type Tractors - General Construction (D3G-D5G)	AICC	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 and experienced operator who can safely operate an articulated truck.	1:00	English	1
40061M	Operator Career Development Program: Track-Type Tractors - Quarry/Mining (D9T-D11R)	AICC	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 and experienced operator who can safely operate an articulated truck.	1:00	English	1
40060M	Operator Career Development Program: Track-Type Tractors- Heavy Construction (D6T-D8T)	AICC	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 and experienced operator who can safely operate an articulated truck.	1:00	English	1
40056M	Operator Career Development Program: Wheel Loaders - General Construction (904B-936G)	AICC	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 and experienced operator who can safely operate an articulated truck.	1:00	English	1
40057M	Operator Career Development Program: Wheel Loaders - Heavy Construction (938F-980H)	AICC	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 and experienced operator who can safely operate an articulated truck.	1:00	English	1

40058M	Operator Career Development Program: Wheel Loaders - Quarry/Mining (988H-994F)	AICC	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.	1:00	English	1
40050M	Operator Career Development Program: Wheel Tractor-Scrapers - Heavy Construction (613G-627G)	AICC	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 an articulated truck.	1:00	English	1
40049M	Operator Career Development Program: Wheel Tractor-Scrapers - Quarry/Mining (631G-657G)	AICC	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.	1:00	English	1
40008	Petroleum Transmission ILT	ILT	Upon completion of this course, technicians will be able to inspect, service, and troubleshoot Caterpillar Electronic Clutch Pressure Control (ECPC) and Individual Clutch Modulation (ICM) petroleum transmissions.	3 days	English	1
40925M	Physical Damage Coverage	SCORM 1.2	This training is designed to introduce you to Cat Insurance's Physical Damage Insurance. At the end of this training you should be able to describe the features of PD Insurance, the key steps in the quote, claim and cancellation process, appropriate activities of licensed vs. non-licensed agents, and the benefits available when you Count on Cat at every step. This training should take about 30 minutes.	0:30	English	1
40622M	Pipelayer Operator On-Line Training	AICC	This course is made of these five chapters: - Safety - Maintenance - Operator's Station - Pre-operating Basics - Pipelayer Procedures & Practices It should take about one and a half hour to complete. Note: This course contains videos and animations that may take some time to load on slow speed connections. You can play these videos and animations in a separate window (outside the course) either as you follow the course or thru the Resources button at any time.	1:30	English	1
41443	Power Systems ISR Boot Camp	ILT	This 5 day "boot camp" is designed to prepare Power Systems ISRs to proactively manage an assigned territory within a Dealership and includes instruction on prospecting, account management and stratification, sales execution, and sales of product support for Power Systems. This instructor-led training is held in Peoria, IL and includes 2 days of classroom instruction on the High Impact Telephone Sales. To increase knowledge and further develop skills ISRs will be learning by doing during the training, which includes making sales calls to their assigned customers while being shadowed by a sales coach one-on-one. The boot camp also includes 1 ½ days at Caterpillar's facilities in Peoria where ISRs will tour plants and receive instructor led product training from Cat subject matter experts. Cost: \$4,750 - Includes ALL meals during the training workshop.		English	1
40712M	PT C01 - Power Train Overview	AICC	This course is an introduction to the identification and operation of the Caterpillar Power Train types and applications, driveline, gears and clutch. The purpose of this course is to identify the different types of power trains.	1:00	English	1
27737M	PT C02 - Torque Converter Overview	AICC	The goal of this course is to provide a general introduction to the power train torque converter and its components by outlining the correct operation, diagnosis, and service procedures.	1:00	English	1
28097M	PT C03 - Transmission Control Overview	AICC	This course will identify the key components and correction operation of each of these: Countershaft's power train Electronic Control Module (ECM) Electronic Clutch Pressure Control (ECPC) hydraulic system Individual Clutch Modulation (ICM) system	1:00	English	1
28437M	PT C04 - Transmission Overview	AICC	This course will identify the key components and correction operation of each of these: Countershaft Hydraulic Systems Valve Body Synchromesh Transmission Powershift Countershaft Transmission Powershift Planetary Transmission	1:00	English	1
40717M	PT C05 - D7E Track-Type Tractor Electric Drive	AICC	This course is intended to inform service technicians about the electric drive power train system in the D7E Track-Type Tractor.	1:00	English	1
40718M	PT C06 - 795F AC Off-Highway Truck Electric Drive	AICC	This is a Level I course intended for Caterpillar dealer service personnel who understand the principles of the electric drive power train system operation, diagnostic equipment, and safety procedures.	1:00	English	1

27977M	PTC07 - Drive Power Transmittal	AICC	This course will identify the key components and correction operation of each of these: Axle Group Differential Final Drive Assembly	1:00	English	1
28438M	PTC08 - Tracked Steering Overview	AICC	This course will identify the key components and correction operation of each of these: Steering Clutch and Brake Electronic Clutch and Brake Differential Steering	1:00	English	1
28439M	PTC09 - Undercarriage Overview	AICC	This course will identify the key components and correction operation of each of these: Undercarriage Track Roller Frame	1:00	English	1
41403M	Rental Depreciation, Budgets, and Cash Flow	SCORM 1.2	Depreciation is the single largest expense of a rental operation. Depreciation represent the loss of value of the rental assets over time. Understanding the different depreciation methods and the impact of depreciation on the rental P&L is essential for the the Rental Manager. Budgeting revenues, expenses, and forecasting cash flow is the basis of a well managed business. Budgets provide a road map to help manage the upcoming fiscal period and allow the rental manager to make investment decisions regarding in particular rental inventory.	0:45	English	1
41061M	Rental Performance Measures	SCORM 1.2	The rental fleet can be compared to an investment portfolio of various securities and should be managed simultaneously in terms of returns, and diversification to reduce risk. Each item can then be judged in terms of its individual performance as well as its relative importance to the total fleet mix. One of the primary roles of the rental manager is monitoring the performance of the assets and taking corrective action to achieve the desired results.	0:45	English	1
40930M	Rental Services and Rent-to-Sell	SCORM 1.2	The Caterpillar Rent-to-Sell and Rental Services businesses are two fundamentally different yet complementary businesses. Even though the businesses appear to be doing the same thing and handling the same customer needs, the businesses have very different characteristics.	0:45	English	1
41452M	Selling Cat Electric Power Customer Service Agreements (CSAs)	AICC		2:00	English	1
40572M	Selling Cat UPS Systems	AICC	This course covers four scenarios common to the sale of Cat UPS systems. In this course, you will learn how to: - Use consultative selling skills to help find the most effective customer solutions - Recommend total Cat systems solutions - Sell Cat UPS systems This course is intended for Cat dealer sales and field representatives, as well as anyone interested in learning more about selling Cat UPS Systems. The prerequisite for taking this course is completion of the "UPS Basics" web-based training course. Course duration: 1.5 hrs.	1:30	English	1
40234M	Selling the Cat Undercarriage Portfolio (M)	SCORM 1.2	This course is Module 2 of 3 modules in the Course Series: The Cat Undercarriage Portfolio. This course is designed to introduce PSSRs, Inside Sales Representatives (ISRs), Counter Personnel and other dealer representatives to the entire undercarriage portfolio of products that now includes the new General Duty Undercarriage. While this course casts a special spotlight on General Duty Undercarriage, it does so in relation to the full undercarriage portfolio, so that students can determine what business requirements and applications drive undercarriage selection. This course is a prerequisite for Module 3: Selling the Right Cat Undercarriage for the Job (40235) This course focuses on:Worldwide Customer Research on Cat Undercarriage and Our CompetitionPositioning the Cat Undercarriage Portfolio with CustomersPricing StrategyUndercarriage Assurance	0:30	English	1
40235M	Selling the Right Cat® Undercarriage for the Job (M)	SCORM 1.2	This course is the third and last of three modules in the Course Series: The Cat Undercarriage Portfolio. This course is designed to introduce PSSRs, Inside Sales Representatives (ISRs), Counter Personnel and other dealer representatives to the entire undercarriage portfolio of products that now includes the new General Duty Undercarriage. While this course casts a special spotlight on General Duty Undercarriage, it does so in relation to the full undercarriage portfolio, so that students can determine what business requirements and applications drive undercarriage selection. This course 3 focuses on:Selecting the Right UndercarriageUndercarriage Selection ToolsDealer Services and ExpertiseApplied Learning – Selected Case Studies	0:30	English	1

40268M	Services Marketing - Module 3	AICC	<p>Four gaps have been identified within the traditional Services Marketing roadmap. The objective is to close these gaps through effectively segmenting and targeting customers, positioning our solutions to customer's needs, and designing effective services:</p> <ul style="list-style-type: none"> - Gap 1: Market and Customer Knowledge - Gap 2: Service Design - Gap 3: Service Delivery - Gap 4: Internal and External Communications <p>Module 3 addresses Gap 2 and the importance and challenges of designing services based on customer expectations and standards. This module also addresses the issue of pricing a service—a task that is not nearly as straightforward as traditional product pricing given the intangibles and perceptions inherent with services.</p>	2:00	English	1
41194M	Soil Compaction Basics	AICC	This course introduces learners to the basics of soil compaction, providing a foundation upon which to build their knowledge of construction.		English	1
41512M	SSP - Strategies for Safety Management Module 1: Introduction	Multiple SCO SCORM 1.2	<p>Module 1: Introduction</p> <p>The Strategies for Safety Management introduction module defines the scope of the course by looking at the over-arching concepts behind a sustainable culture.</p> <ul style="list-style-type: none"> • Accountability is essential to establish a culture of safety excellence • Proactive roles and responsibilities drive results • The imperative of safety is equal to quality and productivity 	0:20	English	1
41522M	SSP - Strategies for Safety Management Module 10: Recognition Strategies	Multiple SCO SCORM 1.2	<p>Module 3: Recognition Strategies</p> <p>Effective recognition - rewarding safe behaviors - fosters a work environment where people are more willing to speak up and listen up. Here, you'll learn the tactics to put the focus on what workers do right.</p> <ul style="list-style-type: none"> • How recognition motivates and encourages involvement. • Why recognition is essential to effective communication. • The importance of communicating expectations for safe actions and behaviors. 	0:20	English	1
41513M	SSP - Strategies for Safety Management Module 2: Why Safety Accountability?	Multiple SCO SCORM 1.2	<p>Module 2: Why Safety Accountability?</p> <p>The role of accountability is essential to ensure that the work gets done. Here, supervisors learn why accountability is proven to impact behavior, which drives safety performance.</p> <ul style="list-style-type: none"> • The real meaning behind the Accident Pyramid • Why accidents happen • Why we focus on at-risk behaviors • The trouble with "faux safety" • Importance of attitudes and beliefs • The role of safety rules 	0:20	English	1
41514M	SSP - Strategies for Safety Management Module 3: Define	Multiple SCO SCORM 1.2	<p>Module 3: Define</p> <p>Every system of accountability needs to begin by defining the activities that can be measured. Without any definitions, the "safety do's" are a moving target and end up as afterthoughts.</p> <ul style="list-style-type: none"> • Safety Activities vs. Safety Results • Safety actions by job function • Why accountabilities need to be clear and measurable 	0:20	English	1
41515M	SSP - Strategies for Safety Management Module 4: Train	Multiple SCO SCORM 1.2	<p>Module 4: Define</p> <p>Every system of accountability needs to begin by defining the activities that can be measured. Without any definitions, the "safety do's" are a moving target and end up as afterthoughts.</p> <ul style="list-style-type: none"> • Safety Activities vs. Safety Results • Safety actions by job function • Why accountabilities need to be clear and measurable 	0:20	English	1
41516M	SSP - Strategies for Safety Management Module 5: Measure	Multiple SCO SCORM 1.2	<p>Module 5: Measure</p> <p>Supervisors learn the "how and why" of measuring accountabilities and the leading indicators that drive safety-performance results.</p> <ul style="list-style-type: none"> • What to measure • How to measure quantity and quality • Why inspections are a form of measurement • How to ensure activities are measurable 	0:20	English	1

41517M	SSP - Strategies for Safety Management Module 6: Reward	Multiple SCO SCORM 1.2	The key learning concepts of Strategies for Safety Management are: 1. Accountability is essential to establish a culture of safety excellence 2. Proactive roles and responsibilities drive results 3. The imperative of safety is equal to quality and productivity	0:20	English	1
41519M	SSP - Strategies for Safety Management Module 7: Role of the Supervisor	Multiple SCO SCORM 1.2	Module 7: Role of the Supervisor This lesson focuses on the specific activities of supervisors and foremen, and the people they oversee to ensure everyone is able to carry out his or her responsibilities effectively. <ul style="list-style-type: none"> • Activities vs. Results • Employee vs. supervisor activities • Safety and production similarities • Clear communication 	0:20	English	1
41520M	SSP - Strategies for Safety Management Module 8: How We Communicate	Multiple SCO SCORM 1.2	Module 1: How We Communicate Not only does the first module describe the interpersonal communication "how-to's," but it provides the big picture behind what it means to speak up and encourage others to do the same. <ul style="list-style-type: none"> • Why effective communication is essential. • How to communicate with respect. • The impact of nonverbal communication. • The "two-way street" for actively speaking up and 	0:20	English	1
41521M	SSP - Strategies for Safety Management Module 9: Positive Feedback & Responsive Listening	Multiple SCO SCORM 1.2	Module 2: Positive Feedback & Responsive Listening People might be speaking up, but who's really listening? This module presents the strategies and steps to foster responsive listening skills whenever faced with a potentially unsafe situation. <ul style="list-style-type: none"> • The importance of speaking up and straight talk to ensure a safe mindset. • Address the fears and excuses that keep people from being responsive listeners. • The steps for giving and receiving effective feedback. 	0:20	English	1
41218M	TA2 Inspection Preparation	AICC	The course, TA2 Inspection Preparation, is designed to train the seasoned technician how to download the forms, checklists, and information necessary to perform a TA2 inspection. Unlike S•O•SSM testing where the analysis is conducted in the controlled conditions of the laboratory, inspections are conducted in the field and rely, in part, on the opinion of the inspector. As a result, standardized inspection forms and a uniform, consistent inspector training process have been created. All inspections are family specific; TA2 inspections are serial number specific as well. The proper information must be retrieved prior to beginning any inspection to provide accurate findings.		English	1
53005	Tactical Vehicle/CE/MHE ACERT™ Advanced Engine Maintenance	ILT	This five-day (40 hour), advanced course will provide theory and maintenance training for the On/Off Highway Tactical Vehicle and the Combat Engineer/Material Handling Equipment (CE/MHE) Engines consisting of: <ul style="list-style-type: none"> • Identify features of the C7/C9/C13/C15/C18 ACERT™ engines • The study of the mechanical system functionality and operation • Complete study of fuel systems • The limits of serviceability • Troubleshooting with ECMS • Calibration of ECMS • Critical adjustments of the engines • Study electrical schematics • The use of Military ET Who Should Attend: <ul style="list-style-type: none"> • Skill Level - 20 or Higher Maintainers (Sergeants and above) • Logistics Assistance Representatives (LARs) • Field Service Representatives (FSRs) • Training Instructors • Technical Inspectors 		English	1

52183	TACTICAL VEHICLE/CE/MHE ACERT™ ADVANCED ENGINE MAINTENANCE	ILT	<p>This five-day (40 hour), advanced course will provide theory and maintenance training for the On/Off Highway Tactical Vehicle and the Combat Engineer/Material Handling Equipment (CE/MHE) Engines consisting of:</p> <p>Identify features of the C7/C9/C13/C15/C18 ACERT™ engines The study of the mechanical system functionality and operation Complete study of fuel systems The limits of serviceability Troubleshooting with ECMs Calibration of ECMs Critical adjustments of the engines Study electrical schematics The use of Military ET</p> <p>Who Should Attend:</p> <p>Skill Level - 20 or Higher Maintainers (Sergeants and above) Logistics Assistance Representatives (LARs) Field Service Representatives (FSRs) Training Instructors Technical Inspectors</p>	40	English	1
26917M	The Caterpillar 7 Step Diagnostic Process	SCORM 1.2	This course will teach a technician how to use Caterpillar's systematic diagnostic process. Estimated time 20 mins.	0:20	English	1
41560M	Tier 4 Final Technology Sales Overview	AICC	This course provides an overview of the C7.1, C9.3, C13, C15, C18, C27, and C32 engines with ACERT Technology. Each of these engines has been specially designed to conform to U.S. Environmental Protection Agency (EPA) Tier 4 Final and European Union (EU) Stage IV emission standards.	0:45	English	1
40099M	Tier 4 Interim Solutions for Electric Power	AICC	This course will cover the specific technologies developed for Cat products to meet the Tier 4 Interim emissions in the Electric Power sales and rental segment.	1:00	English	1
40233M	Understanding the Cat Undercarriage Portfolio	SCORM 1.2	<p>This course is Module 1 of 3 in the Course Series: The Cat Undercarriage Portfolio.</p> <p>This course is designed to introduce PSSRs, Inside Sales Representatives (ISRs), Counter Personnel and other dealer representatives to the entire undercarriage portfolio of products that now includes the new General Duty Undercarriage. While this course casts a special spotlight on General Duty Undercarriage, it does so in relation to the full undercarriage portfolio, so that students can determine what business requirements and applications drive undercarriage selection.</p> <p>This course is a prerequisite for Modules 2 & 3 in this series: Selling the Cat Undercarriage Portfolio (40234) and Selling the Right Cat Undercarriage for the Job (40235).</p> <p>This course focuses on: The Business Case for General DutyAn Introduction to General Duty UndercarriageGeneral Duty Product Details and MaintenanceModel Rollout Plan and Timeline</p>	1:00	English	1
40684M	Vessel Types	SCORM 1.2			English	1
40567	VIMS™ Technology and Application training	ILT	Please refer to the attached course description	4.5 days	English	1
41556M	Wheeled Excavators Fundamentals	AICC	<p>This introductory course is intended for Sales representatives, pre-field trainees and any other internal/external candidates who need a basic understanding of Wheeled Excavators.</p> <p>This course will take about one hour to complete, including the knowledge assessments after each chapter and the post test.</p>		English	1
40933	WMPC MCS Alarm and Protection Systems	ILT	<p>The aims of the course are to allow Technicians to be able to Identify, operate, program utilizing service tool and troubleshoot MCS alarm and protection control systems as used on the following Marine society packaged generator sets from the Wimborne plant.</p> <p>3054/3056 MCS 0 C4.4 Mech MCS 1 C6.6 and C9 MCS 2 C4.4 Mech and future C7.1 and C4.4E MCS 3</p>	16:00	English	1
41138	Workplace Assessor	ILT	The objective of the Workplace Assessor Course is to instill in participants the knowledge and skills required to plan, conduct and review competency based assessment in the workplace. The course focuses specifically on the requirements for assessing dealer technicians however; the knowledge and skills taught could apply any dealer role that requires competency-based assessments.	24:00:00	English	1