





NAEC Approved Continuing Education

The following courses/sessions have been reviewed and approved by the NAEC Education Committee for credit toward CET and/or CAT recertification. Please contact the listed provider for enrollment information. Symbols next to each course title indicate the delivery method.

	Text Based	Courses that are completed by reading or studying a book. Text-based courses have an exam which may be online.
	Web / Computer Based	Courses that are completed online (including webinars) or delivered via CD ROM
	Seminar/Classroom	
	Article Based	Courses that are completed by reading or studying an article. Article-based courses have an exam which may be online.

NAEC: For enrollment information contact Kathy Bell at 800-900-6232 or visit www.naec.org

	Course Title	Contact Hrs	CET	CAT	Safety
	DC Drives Course based on <i>Electronic Variable Speed Drives (Delmar)</i> , 3 rd Edition, Chapters 1-8, by Michael Brumbach. (Book available through Elevator World)	4.00	X		
	AC Drives Course based on <i>Electronic Variable Speed Drives (Delmar)</i> , 3 rd Edition, Chapters 10-15, by Michael Brumbach. (Book available through Elevator World)	4.50	X		
	Device Review Course based on <i>Electronic Variable Speed Drives (Delmar)</i> , 3 rd Edition, Appendix A-E, by Michael Brumbach. (Book available through Elevator World)	2.50	X		
	AC Circuits AEEAC An interactive training unit designed to familiarize trainees with basic concepts associated with the operation of AC circuits.	2.25	X	X	
	AC Motor Controllers 1 AEEA1 An interactive training unit designed to familiarize trainees with the basic functions and operation of AC motor controllers.	2.25	X	X	
	AC Motor Controllers 2 AEEA2 An interactive training unit designed to familiarize trainees with basic procedures for troubleshooting and maintaining AC motor controllers.	2.50	X	X	
	Arc Welding AEEDC An interactive training unit designed to familiarize trainees with the basic concepts associated with arc welding.	2.75	X	X	
	Basic Electricity Review AEBER An interactive training unit designed to familiarize trainees with some of the basic principles associated with electricity and electrical circuits.	2.25	X	X	
	Basic Hydraulic & Maintenance Valves 1 AHHV1 An interactive training unit designed to familiarize students with the basic design and operation of various types of valves used in hydraulic systems.	1.75	X	X	
	Basic Lifting AMRLL An interactive training unit designed to familiarize trainees with the proper use of devices designed to lift and move loads.	2.25	X	X	
	Basic Rigging AMROV An interactive training unit designed to familiarize trainees with the basic principles associated with moving materials and equipment from one place to another.	2.00	X	X	
	Bearings – Fundamentals AMBIN An interactive training unit designed to familiarize trainees with the basic operation and maintenance of bearings.	2.00	X		
	Bearings - Rolling Contact AMBRM An interactive training unit designed to familiarize trainees with the basic operation and maintenance of rolling contact bearings.	2.75	X		





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	Course Title	Contact Hrs	CET	CAT	Safety
☞	Bearings - Sliding Surface AMBSB An interactive training unit designed to familiarize trainees with the basic operation and maintenance of sliding surface bearings.	2.25	X		
☞	Branch Circuit Protection AEEMB An interactive training unit designed to familiarize trainees with the basic operation and maintenance of motor branch circuits.	2.25	X	X	
☞	Cables & Conductors AEECC An interactive training unit designed to familiarize trainees with the basic construction and installation of electrical cables and conductors.	3.25	X	X	
☞	Chemical Health Hazards AMSHS An interactive training unit designed to familiarize trainees with chemical health hazards that might be present in the workplace.	1.75			X
☞	Conduit Installation AEECI An interactive training unit designed to familiarize trainees with the basic concepts of conduit and conduit fittings, and typical methods of cutting, bending and installing conduit.	2.50	X	X	
☞	DC Motors AEEDM An interactive training unit designed to familiarize trainees with the basic operation and maintenance of DC Motors.	2.00	X	X	
☞	Electrical Diagrams AEDEL An interactive training unit designed to familiarize trainees with various types of electrical diagrams.	2.50	X	X	
☞	Electrical Fasteners AEEFA An interactive training unit designed to familiarize trainees with various types of fasteners used in electrical work.	2.25	X	X	
☞	Electrical Safety AMSEL An interactive training unit designed to give trainees a general understanding of basic principles of electricity and electrical safety.	2.00			X
☞	EMS Freight Door Installation EXAMBUILDER Installation guide provided by EMS Group. Online exam. CD ROM available through NAEC or EMS Group. EMS contact: 800-489-4889 or emsdoors.com	1.50	X		
☞	Fasteners AMMFA An interactive training unit designed to familiarize trainees with various types of fasteners.	2.00	X	X	
☞	Gears - Types & Characteristics AMGG2 An interactive training unit designed to introduce trainees to gears and gear arrangements	2.00	X		
☞	Heavy Lifting AMRHL An interactive training unit designed to familiarize trainees with equipment and procedures used for lifting and moving heavy objects.	2.50	X	X	
☞	Hydraulic Component Inspection & Replacement AHHCI An interactive training unit designed to familiarize students with typical procedures for removing, inspecting, reassembling, and reinstalling hydraulic system components.	2.25	X	X	
☞	Hydraulic - Fluids & Reservoirs AHHFS An interactive training unit designed to familiarize trainees with the fluid used in hydraulic systems and with the functions and uses of filters and strainers, reservoirs, conductors, and accumulators.	2.00	X	X	
☞	Hydraulic Principles & Circuits AHHPC An interactive training unit designed to familiarize trainees with the principles of hydraulic system operation and with the components and operation of some typical hydraulic circuits.	2.00	X	X	
☞	Industrial Safety Basics AMSBA An interactive training unit designed to familiarize trainees with hazards that they may encounter on the job and ways that they can protect themselves from these hazards.	1.75			X
☞	Introduction to NEC AEEIN An interactive training unit designed to familiarize trainees with the organization and layout of the National Electrical Code.	2.25	X	X	
☞	Introduction to Hand Tools AMTIH An interactive training unit designed to familiarize trainees with the proper use of various types of hand tools.	2.25	X	X	


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	Course Title	Contact Hrs	CET	CAT	Safety
☞	Introduction to Shop/Power Tools AMTIP An interactive training unit designed to familiarize trainees with the proper use of various types of power tools.	2.00	X	X	
☞	Lubrication Basics AMLBA An interactive training unit designed to familiarize trainees with the properties and uses of various types of lubricants.	2.00	X	X	
☞	Mechanical Seals AMMES An interactive training unit designed to familiarize trainees with the use and installation of various types of mechanical seals.	2.75	X		
☞	Oxyfuel Gas Welding AMWIG An interactive training unit is designed to familiarize trainees with the basic parts and safe operation of oxy-fuel gas welding rigs.	2.00	X	X	
☞	Passenger Elevator Door Equipment – Chapters 1-2 EXAMBUILDER <ul style="list-style-type: none"> • Chapter 1: Door Types • Chapter 2: Preparation of Shaft & Clearances Inactive CD Rom available through NAEC – content provided by Columbia Elevator Products & GAL Manufacturing. Exam online.	1.00	X		
☞	Passenger Elevator Door Equipment – Chapters 3-4 EXAMBUILDER <ul style="list-style-type: none"> • Chapter 3: Installation of Sliding Passenger Elevator Entrances • Chapter 4: Hoistway Equipment Inactive CD Rom available through NAEC – content provided by Columbia Elevator Products & GAL Manufacturing. Exam online.	1.50	X		
☞	Passenger Elevator Door Equipment – Chapters 5-6 EXAMBUILDER <ul style="list-style-type: none"> • Chapter 5: Car Equipment • Chapter 6: Swing Hoistway Inactive CD Rom available through NAEC – content provided by Columbia Elevator Products & GAL Manufacturing. Exam online.	1.50	X		
☞	Pipes & Pipefitting AMPPP An interactive training unit designed to familiarize trainees with common types of pipes, pipe joints, and pipe fittings, and to provide general guidelines for working with pipes.	2.25	X	X	
☞	Precision Measurement Instruments AMTMI An interactive training unit designed to familiarize trainees with use of vernier calipers, different types of micrometers, dial indicators, and fixed gauges.	2.50	X		
☞	Reverse Dial & Laser AMSRD An interactive training unit designed to familiarize trainees with equipment and procedures for aligning shafts using the reverse dial method and using a laser system.	2.50	X		
☞	Rigging - Ladders & Scaffolds AMRLS An interactive training unit designed to familiarize trainees with various types of ladders and scaffolds that enable personnel to work at elevated heights.	2.25	X	X	
☞	Seals – Gaskets & Packing AMMSG An interactive training unit designed to familiarize trainees with the use of gaskets and packing to prevent or minimize leakage from equipment such as pumps and valves.	1.75	X	X	
☞	Shaft Alignment Fundamentals AMSAF An interactive training unit designed to familiarize trainees with the basic principles associated with measuring and correcting shaft misalignment.	2.25	X		
☞	Test Equipment ACCBE An interactive training unit designed to familiarized trainees with various types of electrical test instruments.	2.00	X	X	
☞	Three Phase Electrical Motors AEETP An interactive training unit designed to familiarized trainees with three-phase AC motor operation, inspection, testing and maintenance.	3.00	X	X	
☞	Troubleshooting Techniques AEETA An interactive training unit designed to familiarize trainees with the use of basic troubleshooting procedures to troubleshoot problems in electrical circuits.	1.75	X	X	





NAEC (cont): For enrollment information contact Kathy Bell at 800-900-6232 or visit www.naec.org

	Course Title	Contact Hrs	CET	CAT	Safety
	Louisville Regional Technical Seminar Nov 15-16, 2011, Crowne Plaza Louisville Airport, Louisville, Kentucky - Sessions approved are as follows				
	➤ Door Operators	1.00	X	X	
	➤ Valves: Inspection, Rebuilding, Pressure Testing & Troubleshooting	1.00	X	X	
	➤ American Red Cross First Aid	1.00			X
	➤ AC Drives: Set-up and Adjustment	1.00	X	X	
	➤ Operation and Control of Permanent Magnet Elevator Motors	1.50	X	X	
	➤ Code for Construction & Maintenance	1.50	X		
	➤ Going Carbon Brush Maintenance for Elevators	1.00	X		
	➤ Roped Hydraulic Applications: Installation & Maintenance Techniques Solutions for Hot Oil Jobs	1.00	X	X	
	➤ Private Residence Elevators: Installation, Maintenance & Troubleshooting	1.00	X	X	
	➤ Understanding & Troubleshooting Rope Gripper	1.00	X		
	➤ Safe Installation & Maintenance of Freight Elevator Doors	1.00	X		
➤ Care and Handling of Elevator Rope	1.00	X	X		
	NAEC 62nd Annual Convention & 2011 EXPO September 11-15, Hilton & New Orleans Convention Center, New Orleans, Louisiana – Sessions approved are as follows:				
	➤ Operation and Control of Permanent Magnet Elevator Motors	2.00	X	X	
	➤ Safety Crossfire	2.00			X
	➤ Residential Elevator Doors	1.50	X	X	
	➤ Destination Dispatch System	1.00	X		
	➤ Rider Enabled Material Lifts	1.00	X	X	
	➤ How Equal Should Equal Rope Tension Be?	1.00	X	X	
	➤ Non-proprietary Serviceable & Maintainable Elevator Designs	1.00	X		
	➤ Maintenance Porcedures for Motors	1.50	X		
	Richmond Regional Technical Seminar May 3-4, 2011, Ramada Plaza Richmond West Hotel, Richmond, Virginia - Sessions approved are as follows:				
	➤ Door Operators	1.00	X	X	
	➤ Understanding Environmentally Friendly Hydraulic Fluids	1.00	X	X	
	➤ Elevator Testing without Test Weights	1.00	X		
	➤ Valves: Inspection, Rebuilding, Pressure Testing & Troubleshooting	1.00	X	X	
	➤ AC Induction & Permanent Magnet Motors	1.50	X	X	
	➤ Removing the Mystery About Elevator Rope Performance & Strategies for Longer Life	1.50	X	X	
	➤ Going Green with Electronically Controlled Elevator Hydraulics	1.00	X	X	
	➤ Roped Hydraulic Applications: Installation & Maintenance Techniques Solutions for Hot Oil Jobs	1.00	X	X	
	➤ Inclined Platform Lifts – Installing for Compliance with ASME A18.1	1.00		X	
	➤ Drilling Hydraulic Holes of Consequence: Problems & Solutions	1.00	X		
	➤ Arc-Flash Hazards	1.00			X
➤ Private Residence Elevators: Installation, Maintenance & Troubleshooting	1.00	X	X		
	NAEC Spring Conference 2011 March 26-29, 2011, JW Marriott Resort, Las Vegas, Nevada - Sessions approved are as follows:				
	➤ Two-Way Communication in A/R & Commercial Applications	1.50	X	X	
	➤ Maintenance Control Program	1.50	X		
	➤ Fall Protection	1.25			X
	➤ Surviving an OSHA Inspection	1.25	X	X	
	➤ ARC-Flash Hazards	2.00	X	X	X
	➤ American Red Cross First Aid	2.00			X






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	Course Title	Contact Hrs	CET	CAT	Safety
	NAEC Mid-Atlantic Elevator Chapter (MAEC) Technical Education Seminar March 1-3, 2011, Capital Lighting & Supply, Upper Marlboro, Maryland - Sessions approved are as follows:				
	➤ GALaxy Control	3.50	X		
	➤ GAL Door Operating Equipment	1.75	X	X	
	➤ Hollister-Whitney Rope Grippers & Machines	1.75	X		


American Heart Association: Visit www.heart.org for information about the Workplace Training.

	Course Title	Contact Hrs	CET	CAT	Safety
	HeartSaver CPR The Heartsaver CPR Course teaches CPR and relief of choking in adults and children, and infant CPR and relief of choking, and use of barrier devices for all ages.	3.00			X
	HeartSaver AED The Heartsaver CPR Course teaches skills such as giving CPR to an infant, child or an adult and using an AED.	3.00			X
	HeartSaver First Aid The Heartsaver First Aid Course is designed to meet OSHA regulations and teach basic first aid skills such as stopping bleeding that can be seen.	3.00			X
	HeartSaver First Aid with CPR/AED Topics include First Aid Basics, Medical Emergencies, Injury Emergencies and Environmental Emergencies.	3.00			X


American Red Cross: Information about Workplace Training is available at www.redcross.org.

	Course Title	Contact Hrs	CET	CAT	Safety
	CPR - Adult Participants learn how to perform CPR and manage breathing and cardiac emergencies in adults. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	3.50			X
	Standard First Aid Participants learn first aid skills to treat a variety of injuries such as burns; head, neck and back injuries; and heat and cold related emergencies. Participants also learn to manage sudden illnesses, stroke, seizures, bites and poisoning. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	3.75			X
	CPR/AED - Adult Participants learn adult CPR and AED skills to respond to breathing and cardiac emergencies. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	4.50			X
	Standard First Aid with CPR - Adult Provides first aid and adult CPR training and explains the role of AEDs in emergency cardiac care. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	5.50			X
	Standard First Aid with CPR/AED - Adult American Red Cross' most comprehensive training course for employees, this session provides training in first aid, adult CPR and AED skills. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	6.50			X


Anoka-Hennepin Tech College: For more information, contact Ron Lemm at 763-576-4774 or rlemm@anokatech.edu

	Course Title	Contact Hrs	CET	CAT	Safety
	NEC Update Continuing Education This course emphasizes topics of interest to electricians – wire size and load, boxes, lighting and motor requirements and hazardous locations.	1.00	X		


Bruno Independent Living Aids: For more information, contact Ron Dries (ron.dries@bruno.com) or Bill Page (bill.page@bruno.com) at 262-953-5334

	Course Title	Contact Hrs	CET	CAT	Safety
	Accelerated Certified Training – Accessibility Training This 2-day in depth seminar will cover Stairlifts and Vertical Platform Lifts. Including Codes & Regulations, Site Prep, Installation, Service and Troubleshooting.	13.50		X	







Code Instruction Services, Inc: For more information, contact Robert Smith at 410-820-0133 or rsmithfla@aol.com

	Course Title	Contact Hrs	CET	CAT	Safety
	2008 NEC Commercial / Industrial Installations				
	➤ Day 1	6.0	2.75 hrs	2.75 hrs	3.25 hrs
	➤ Day 2	6.0	X	X	



Computerized Elevator Control Corp.: For more information, contact Eric Appana at eric.appana@swiftcec.com or 201-800-2271

	Course Title	Contact Hrs	CET	CAT	Safety
	SWIFT MERIDA/VERTICAL EXPRESS IMPACT: Installing, Adjusting, Troubleshooting Hydro Training Session This 2-day course is designed to help installers, maintenance and adjustors install and maintain the SWIFT MERIDA/VERTICAL EXPRESS IMPACT hydro controller. The major course objectives include: getting the controller running on construction mode, wiring the controller, adjusting the controller for high speed operation, testing various acceptance test items and troubleshooting the controller.	12.0	X		


Delaware Elevator

	Course Title	Contact Hrs	CET	CAT	Safety
	Entrance/GAL	8.00	X	X	
	Medic Basic First Aid (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	8.50			X
	OSHA - 10 (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	10.00			X
	OSHA 30 (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	30.00			X
	OSHA Review (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	7.00			X
	Controllers, Drives, Schematics, Valves, Door Operators				
	➤ 1 st Day of Training (Group 1/Day 1 & Group 2/Day 2)	7.50	X		
	➤ 2 nd Day of Training (Group 1/Day 3 & Group 2/Day 9)	7.50	X		
	➤ 3 rd Day of Training (Group 1/Day 4 & Group 2/Day 8)	VARIED	X 7.50	X 5.75	
	➤ 4 th Day of Training (Group 1/Day 5 & Group 2/Day 10)	7.50	X		
	➤ 5 th Day of Training (Group 1/Day 6 & Group 2/Day 7)	7.50	X		


Eastern Elevator Service

	Course Title	Contact Hrs	CET	CAT	Safety
	Safety Training	1.00			X
	OSHA 10 Hour Outreach Training (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	10.00			X


Eastern Kentucky University OSHA Training Institute Education Center: For more information, contact Kathy Murphy at 859-622-6810 or kathy.murphy@eku.edu

	Course Title	Contact Hrs	CET	CAT	Safety
	Safety Training for Scaffolding This course is designed to aid participants in the understanding of the most common hazards associated with scaffolding. The program includes general requirements for scaffolds in regards to OSHA regulations as well as general safety. Major course topics include training requirements; fall protection; electrical hazards; overloading hazards and inspections criteria. The course presentation is based on the OSHA 1926.451 scaffolding standard. The course included lectures, PowerPoint presentations, group discussions, handouts, as well as hands on training. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	7.00			X




Elevator & Vertical Transportation Educational Assoc: For more information, contact Clarence "Pete" Fox at 989-682-4342 or evteai@mutualdata.com



	Course Title	Contact Hrs	CET	CAT	Safety
	QEI Continuing Education	6.00	4.00 hrs		2.00 hrs

Elevator Controls Corp: For more information, contact Francisco Ortiz at 916-482-1708 or Francisco.Ortiz@elevatorcontrols.com


	Course Title	Contact Hrs	CET	CAT	Safety
	EC Factory Technical Training Elevator Controls Corporation Technical Training Seminar is designed to provide helpful tips and training for both basic and advanced troubleshooting and adjustment procedures on ECC Controller, the use of on board diagnostics for error isolation and microprocessor reprogramming, outlines equipment, integration and the pitfalls to avoid between drives, motors, and how to select compatible systems to eliminate installation and maintenance headaches. Details classroom lectures backed up with vital "hands on" instruction will give you the "instant recall", when it comes to the "real thing". Live "EC Controllers" provided on site for demonstration as well as practice. You will be joining other qualified elevator personnel for two days of intensive Factory Technical Training at Elevator Controls Sacramento California headquarters.	16.00	X		

Elevator Safety and Technical Services (ESTS): For more information, contact Lee Rigby at 866-896-0401.










	Course Title	Contact Hrs	CET	CAT	Safety
	CET Continuing Education Workshop 2011 This eight hour course will include the following: <ul style="list-style-type: none"> • Update on current local Statutes and Administrative Code for governing elevators • Overview of all ASME A17 Codes for Elevators and Escalators • Presentation on NEC NFPA-70, 2008 Edition, Article 620 - Elevators • Presentation on changes to A17.1 in 2007 Edition including 2008 & 2009 Addenda. • Review of 2009 Building Code - Elevator requirements. 	8.00	X	X	
	Elevator Safety Instruction - 2011 The course will be based on gaining familiarity with the working around moving and electrical equipment based on guidelines in the <i>Elevator Industry Field Employees' Safety Handbook</i> (EIFESH). Reported accidents and incidents involving elevator technicians will be pointed out to make the point.	2.00			X
	2007 Elevator Codes and Technical Inspection Upon completion of this course, the participants will: <ul style="list-style-type: none"> • Have a better understanding of the adopted elevator safety codes • Be aware of local laws and rules governing elevators • Have an overview of the upcoming changes to the adopted elevator safety codes • Gain knowledge of commonly misunderstood elevator code requirements • Have been reminded of the importance of safety when working around elevator equipment, and specific safety procedures. 	8.00	X	X	





	Course Title	Contact Hrs	CET	CAT	Safety
	Elevator and General Safety Attendees will gain familiarity with OSHA, and OSHA's guidelines for safety on various equipment and conditions that elevator technicians are commonly exposed to.	2.00			X
	Elevator Codes and Technical Instruction This course is designed to familiarize students with adopted national elevator safety codes, local elevator laws & rules, general safety, and technical knowledge on relevant topics.	8.00	X	X	


Elevator U: For more information, contact Terri Flint at tflint@umich.edu

	Course Title	Contact Hrs	CET	CAT	Safety
	2011 Annual Conference June 7-9, Penn State University, State College, Pennsylvania - Sessions approved are as follows:				
	➤ Factory Tour of Wirerope Works	3.00	X	X	
	➤ Kinetic Energy Calculator	1.00	X	X	
	➤ Elevators vs. Auxiliary Power Generators	1.00	X	X	
	➤ Hydraulic Fluids: What You Should Know	1.00	X	X	


Elevator World: For enrollment information call 800-730-5093 or visit www.elevator-world.com

	Course Title	Contact Hrs	CET	CAT	Safety
	2011 Virtual Elevator Event Sessions approved are as follows:				
	➤ Lift Rope Dynamics	1.00	X	X	
	➤ Maintenance Control Program and MRL Elevator Inspections	1.00	X		
	➤ A17 2004-2005 Firefighters Emergency Operations	.50	X		
	➤ What is Killing Hoist Rope Life and Systems Performance: A Conspiracy of Killers	.75	X	X	
	➤ Falls Over or From the Sides of Escalators	.25	X		
	Maintenance Control Program and MRL Inspections CD-Rom based on the <i>Maintenance on New Equipment Designs</i> book will focus on <ul style="list-style-type: none"> The difference involved in working safely on legacy equipment vs. MRLs Elevator equipment code compliance Maintenance of elevator components Development and maintenance of current Maintenance Records Providing wiring diagrams Implementation of monthly Fire Service Tests 	1.50	X		
	Rope Dynamics CD-Rom that will focus on the effect of elevator hoist rope vibration on elevator ride quality and how these phenomena can be mitigated. The engineering principles and calculations used to determine where in the course of an elevator trip the rope vibration will have an adverse effect on the elevator ride quality and means to minimize and/or eliminate this effect will be presented.	1.00	X	X	
	Rope Traction: Theory & Practice DVD course that combines both a live speaker and a Power Point program developed by George Gibson.	3.00	X	X	
	Elevator Field Safety Course Course based on <i>The 2010 Elevator Industry Field Employee's Safety Handbook</i> , edited by the NEII Safety Committee and Safety Training for Elevator Service and Construction (video or DVD) by Zack McCain.	3.50			X
	Elevator Field Safety Exam #1 Course based on <i>The 2010 Elevator Industry Field Employee's Safety Handbook</i> , 1-4.	1.00			X
	Elevator Field Safety Exam #2 Course based on <i>The 2010 Elevator Industry Field Employee's Safety Handbook</i> , 5-7.	1.00			X
	Elevator Field Safety Exam #3 Course based on <i>The 2010 Elevator Industry Field Employee's Safety Handbook</i> , 8-11.	1.00			X
	Elevator Field Safety Exam #4 Course based on <i>The 2010 Elevator Industry Field Employee's Safety Handbook</i> , 12-21.	1.00			X



	Course Title	Contact Hrs	CET	CAT	Safety
	The Maintenance Series Courses based on the <i>Elevator Maintenance Manual</i> by Zack McCain				
	Escalator Maintenance (Chpt 5)	1.50	X		
	General Elevator Maintenance (Chpt 2)	4.50	X	X	
	Hydraulic Elevator Maintenance (Chpt 4)	2.00	X	X	
	Traction Elevator Maintenance (Chpt 3)	3.50	X		
	Elevator World Articles Read the article & complete the quiz at the end of article or complete the test online.				
	Elevator Drives, Power Quality and Energy Savings	1.00	X		
	Variable-Frequency Drive Systems for Hydraulic Elevators (Oct 2011)	1.00	X		
	Hydraulic Elevators – Configuring the Power Unit, Part II (Sept 2011)	1.00	X		
	Rope Dynamics (May 2011)	2.00	X		
	The Conflicting Roles of the Elevator Safety Code, LEED and ADA in Elevator Renovation (May 2011)	1.00	X		
	Electrically Assisted Braking Using DC Hoist Motors (Feb 2011)	2.00	X	X	
	The Application of Electromechanical Spring-Set Brakes in MRL Machines (Jan 2011)	1.00	X	X	
	Hydraulic Elevators - Configuring the Power Unit (Dec 2010)	1.00	X	X	
	Hydraulic Elevators: Importance of Oil Cleanliness (Nov 2010)	1.00	X	X	
	Safety and Buffer Testing without Weights (Sept 2010)	2.00	X	X	
	Elevator System with Multiple Cars in One Hoistway (Aug 2010)	2.00	X		
	Regenerative Elevator Drives: What, How and Why (June 2010)	1.00	X		
	Maintenance Control Program (May 2010)	2.00	X		
	Modern VVVF Drives (Feb 2010)	1.00	X	X	
	KEB F5 Elevator Drives: Startup, Adjust. & Troubleshooting PM Applications (Dec 2009)	2.00	X		
	Introduction to Permanent-Magnet Gearless Motors and Drive Control Systems (Nov 2009)	1.00	X	X	
	Steel Wire Ropes for Tractions Elevators, Part 3 (Sept 2009)	1.00	X	X	
	Steel Wire Ropes for Tractions Elevators, Part 2 (July 2009)	1.00	X	X	
	Steel Wire Ropes for Tractions Elevators, Part 1 (May 2009)	1.00	X	X	
	Elevator Hoistway Equipment: Mechanical & Structural Design, Part 2 (Feb 2009)	2.00	X	X	
	Improving Elevator Performance by Monitoring Elevator Cab Volume (Nov 2008)	1.00	X		
	Elevator Hoistway Equipment: Mechanical & Structural Design, Part 1 (Sept 2008)	2.00	X	X	
	Round Traveling Cable Installation <i>and</i> Compensating Cable with a Wider Loop for Improved Balance (June 2008)	1.00	X	X	
	Understanding Traction Hoist Ropes in Today's Elevator Installation (April 2008)	1.00	X	X	
	Installation and Operation of the Reynolds & Reynolds UVR Powervator® (Feb 2008)	1.00	X	X	
	The Perfect Drive" & "Get the Lead Out! (Dec 2007)	1.00	X		
	Improving Motor Efficiency in Constant Speed Applications (Oct 2007)	1.00	X	X	
	Elevator Hoisting: Maximizing Performance of Ropes in Existing <i>and</i> "Improved" High Demand-Installations (Aug 2007)	1.00	X	X	
	Replacing Motor-Generator Sets With Modern Static DC Drives (June 2007)	1.00	X		
	Variable Voltage Made Easy Using Print No. C-1469-A (April 2007)	3.00	X		
	Installation and Adjustment of the Hollister-Whitney Rope Gripper™ (Feb 2007).	1.00	X		
	Maintenance on New Equipment Designs Course Series		9.00	X	
	Is based on the <i>Maintenance on New Equipment Designs</i> book by John Koshak. The in-depth guide is designed for the service technician coming in contact with a wide range of new designs of elevator equipment including: Machine-room-less elevators, permanent magnet traction machines, friction governors, MRL blocking devices and much more. In addition, Koshak explains requirements of the Maintenance Control Program, codified in ASME A17.1, with steps that need to be taken in order to maintain compliance.				
	Educational Focus				
	Chapter 1: Elevator Controllers	2.00	X	X	
	Chapter 2 – Elevator Door Operators	2.00	X	X	
	Chapter 3 – Hydraulic Elevators	1.00	X	X	
	Chapter 4 – Dispatching Systems	1.00	X		
	Chapter 5 – Elevator Drive Systems & Chapter 12 – Elevator Communication	3.00	X	X	
	Chapter 6 – Door Protection Systems	1.00	X		

	Course Title	Contact Hrs	CET	CAT	Safety
	Chapter 7 – Elevator Guide Rails	1.00	X	X	
	Chapter 8 – Elevator Safeties and Governors	1.00	X	X	
	Chapter 9 – Elevator Car Enclosures	1.00	X	X	
	Chapter 10 – Elevator Hoisting Machines	1.00	X	X	
	Chapter 11 – Escalators	1.00	X		
	Chapter 14 – Elevator Suspension Systems	3.00	X	X	
	Chapter 15 – Testing Equipment	1.00	X		
	Chapter 16 – Elevator Entrances	1.00	X	X	
	Chapter 18 – Freight Elevator Doors	1.00	X		
	Field Employee's Testing Manual This course is based on the book, <i>Field Employees' Elevator Testing Manual, 3rd Edition</i> and is a self-study course with a timed online exam.	3.00	X	X	




EnviroSafe: For more information, contact Pedro Gonzalez at (787) 726-6455 or envirosafe@bigplanet.com.

	Course Title	Contact Hrs	CET	CAT	Safety
	OSHA 10 Hour Construction Safety & Health This program introduces participants to some of the main OSHA standards, and provides practical information to assist attendees in using and interpreting the Code of Federal Regulations; intended to increase workplace safety awareness and compliance.	3.00			X




GAL Manufacturing Corp: For more information contact Peter Novak at peter@gal.com

	Course Title	Contact Hrs	CET	CAT	Safety
	Adjusting/Troubleshooting GALaxy Controllers Through discussion, lecture and practice, participants will focus on the installation, adjustment and troubleshooting of GALaxy Controllers.	8.00	X		
	Understanding/Adjusting/Troubleshooting GALaxy Controllers Attendees will be presented with a thorough overview of issues surrounding installation and adjustment of GALaxy Controls.	1.50	X		






Garaventa Canada, Ltd: For more information contact Desmond Mullin at dmullin@garaventa.ca

	Course Title	Contact Hrs	CET	CAT	Safety
	Artira, Level III Technical Training One-day seminar related to the installation, service and maintenance of Garaventa Artira lifts	7.5	X	X	
	Genesis/OPAL, Level III Technical Training One-day seminar related to the installation, service and maintenance of Garaventa Genesis and Genesis OPAL lifts	7.5	X	X	
	Xpress II, Level III Technical Training One-day seminar related to the installation, service and maintenance of Garaventa Xpress II lifts	7.5	X	X	


Harmar Summit LLC: For more information, contact Suzan Mehalko at suzan.mehalko@harmar.com or 816-744-2413.

	Course Title	Contact Hrs	CET	CAT	Safety
	Incline Stairway Chairlifts This course is designed to provide skills with hands on training for product installation, troubleshooting and routine service maintenance of both residential and commercial Incline Stairway Chairlifts. This course provides proper code application of both residential and commercial.	6.50	X	X	
	Incline Platform Lifts This course is designed to provide skills with hands on training for product installation, troubleshooting and routine service maintenance for the residential Incline Platform Lift. This course provides proper code application for residential installation.	3.75	X	X	
	Vertical Platform Lifts This course is designed to provide skills with hands on training for product installation, troubleshooting and routine service maintenance of both residential and commercial Platform Lifts. This course provides proper code application of both residential and commercial.	10.25	X	X	


HB Training & Consulting (HBTC), LLC: For more information, contact Kevin Madison at kevin@hbtraining.com or 770-619-1669.

	Course Title	Contact Hrs	CET	CAT	Safety
	Confined Space Competent Person Class This 8 hour course is designed to meet your supervisors, foremen, estimators, and workers needs in confined space safety and the applicable OSHA standards. Introduction to OSHA ~ Review 29CFR Part 1910.134 ~ Review 29CFR Part 1910.146 ~ Review 29CFR Part 1910.147 ~ Review required PPE ~ Define the Confined Space "Team" ~ Review Confined Space "Team" Responsibility ~ Discuss Hazardous Atmospheres. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the max will not be applied towards renewal)	7.00			X
	Fall Protection Competent Person Class This 8 hour course is designed to meet your supervisors, foremen, estimators, and workers needs in fall protection safety and the applicable OSHA standards. Class comes with student manual and class card. Introduction to OSHA Standards ~ The "Duty" of the Employer Subpart "M" General Requirements ~ Review Standards Part 1926.500 ~ Review Standards Part 1926.501 ~ Review Standards Part 1926.502 ~ Review Standards Part 1926.503 ~ Personal Fall Arrest Systems ~ Demonstration of Fall Protection - PPE Develop and Maintain a Fall Protection Plan. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	7.00			X
	OSHA 10hr for Construction This 10 hour course is designed to meet your supervisors, foremen, estimators, and workers needs in Construction Safety and the required OSHA standards. Introduction to OSHA ~ Learn to use OSHA book ~ Identify and Control Hazards. All attendees will receive an OSHA book, a student training manual, and a laminated OSHA card. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	10.00			X
	OSHA 30hr for Construction This 3- 4 day, 30 hour, course is designed to meet your supervisors, foremen, estimators, and workers needs in Construction Safety and the required OSHA standards. Introduction to OSHA ~ An overview of all the subparts required by OSHA ~ Protective System requirements ~ Identify and Control Hazards ~ Managing safety in the field. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	30.00			X
	Scaffold Competent Person Class This 1 day, 8 hour course is designed to meet your supervisors, foremen, estimators and workers specific needs in scaffolding safety and the required OSHA standards. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	7.00			X


Kencor, Inc.

	Course Title	Contact Hrs	CET	CAT	Safety
	OSHA Safety Course (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	8.00			X


Kings III Communication: For more information, contact Dean Heasley at dheasley@kingsiii.com

	Course Title	Contact Hrs	CET	CAT	Safety
	Two Way Communication Codes & Requirements The course will help participants to understand the relevant codes and requirements for elevator emergency communication. Major course topics will include: How to test for elevator phone compliance; What the codes require; Common installation mistakes; Answering elevator phone calls; Phone line verification. Information included will be derived from ASME codes, ADA laws, interviews with consultants and industry experiences.	2.00	X	X	


John W. Koshak: For more information, contact John Koshak at john@jwkoshak.com

	Course Title	Contact Hrs	CET	CAT	Safety
	ASME A17.3-2005 Training Course The 8 hour course will cover the code requirements of A17.3-2005 , Safety Code for Existing Elevators and Escalators.	8.00	X	X	


Magnetek: For more information, contact Tony Frey at tfrey@magnetek.com

	Course Title	Contact Hrs	CET	CAT	Safety
	Elevator Drive Technology Seminar Session covers the following topics: <ul style="list-style-type: none"> Current and new elevator drive technology. Making informed decisions when planning new or upgrading existing elevator installations. The latest in the state-of-the-art elevator drive technology. The advantages and disadvantages of this new technology. Elevator drive applications including power line harmonics, emergency generators, energy consumption and battery back-up systems. 	2.00	X		









Maxton Manufacturing: For more information, contact Irene Muller at irene@maxtonvalve.com

	Course Title	Contact Hrs	CET	CAT	Safety
	Maxton Hydraulic Control Valve Training Participants will gain a better understanding on how to determine the proper valve for the job; how variables such as temperature, contamination and pressure effect the control valve and overall elevator performance; proper maintenance practices; proper valve adjustment	4.00	X	X	

Medic First Aid: For more information, visit http://hsi.com/MEDIC_programs/

	Course Title	Contact Hrs	CET	CAT	Safety
	Basic CPR and First Aid for Adults Combined Adult CPR and First Aid training program designed specifically for the occupational first aid provider. This program helps employers meet OSHA and other federal and state regulatory requirements for training employees how to respond and care for medical emergencies at work. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	6.00			X




MEI / South Central Technical College: For enrollment information contact Jeff Karvonen at Jeff.Karvonen@minnesotaelevator.com, 507-245-4198 or visit www.meiuniversity.com

	Course Title	Contact Hrs	CET	CAT	Safety
	Elevator Basics This course teaches the "must know" elevator terminology, car type configurations and high level advantages and disadvantages of each car type.	1.00	X		
	Breaking Down the Hydraulic Elevator This course helps students become more familiar with each module and the purpose of each module on a Hydraulic Elevator.	1.00	X	X	
	Anatomy of a Borehole Hydraulic Elevator This course teaches in detail the unique characteristics of a Borehole Hydraulic Elevator	1.00	X		
	Anatomy of a Twin Jack Holeless Hydraulic Elevator This course teaches the unique characteristics of a Twin Jack Holeless Hydraulic Elevator.	1.00	X		
	Anatomy of a Twin Jack Roped Hydraulic Elevator This course teaches the unique characteristics of a Twin Jack Roped Hydraulic Elevator.	1.00	X		
	Anatomy of a Geared Traction Elevator This course teaches in detail the unique characteristics of a Geared Traction Elevator.	1.00	X		
	Introduction to Power Units This course teaches the purpose of the "main" components of a Submersible and Belt Driven/Dry Power Unit.	1.00	X	X	
	Twin Jack Roped Hydraulics This course teaches the installation procedures of a Twin Jack Roped Hydraulic Elevator.	2.00	X		


James Meyer Consulting, Inc.: For more information, contact James Meyer at meyerconsulting@verizon.net.

	Course Title	Contact Hrs	CET	CAT	Safety
	California Elevator Regulations Seminar Emphasis on Development of Regulations, Latest Adopted Elevator Regulations, Alterations of Existing Elevators (1 day seminar)	8.00	X	X	
	California New Elevator Regulations Seminar Emphasis on Development of Regulations, Latest Adopted Conveyance Regulations, Special Focus on Limited Use/Limited Access Elevators & A18 Equipment (1 day seminar)	8.00	X	X	
	ASME A17.1 and A18.1, Latest Revisions A course designed to help elevator personnel strengthen their knowledge of and understand the latest revisions of elevator regulations as contained in the latest edition of ASME A17.1, and A18.1. Major course topics include: regulation development by ASME; latest A17.1 revisions; latest A18.1 revisions. (1 day seminar)	8.00	X	X	












Motion Control Engineering (MCE): For more information, contact Cyndi Hubbard at 916-463-9221 or Cyndi.hubbard@mceinc.com

	Course Title	Contact Hrs	CET	CAT	Safety
	iControl Installation, Adjustment & Troubleshooting A 2-day seminar designed to educate elevator consultants, mechanics, adjusters and maintenance technicians to effectively set up, install and troubleshoot MCE's iControl elevator control systems. Major course topics include installation; adjustment; best practices; diagnostics; system troubleshooting; component design and failure analysis. The course material is based on the installation manuals for the iDC and iAC control products used for geared and gearless traction machine applications. The training course includes both lecture and hands-on instruction with real controllers in a lab environment.	15.00	X		
	Motion 2000/4000 – Installation, Maintenance & Troubleshooting A 2-day seminar designed to educate elevator consultants, mechanics, adjusters and maintenance technicians to effectively set up, install and troubleshoot MCE's Motion 2000/4000 elevator control systems. Major course topics include installation; adjustment; best practices; diagnostics; system troubleshooting; component design and failure analysis. The course material is based on the installation manuals for the Motion 2000/4000 control products used for geared and gearless traction machine applications. The training course includes both lecture and hands-on instruction with real controllers in a laboratory environment.	14.50	X		
	MCE Legacy Equipment: IMC/PTC/VVMC/HMC - Maintenance & Troubleshooting A 2-day seminar designed to educate elevator consultants, mechanics, adjusters and maintenance technicians to effectively set up, install and troubleshoot MCE's Legacy elevator control systems. Major course topics include installation; adjustment; best practices; diagnostics; system troubleshooting; component design and failure analysis. The course material is based on the installation manuals for the IMC (AC & DC), VVMC 1000 (AC & DC), HMC 1000 (hydraulic) control products used for geared and gearless traction machine applications. The training course includes both lecture and hands-on instruction with real controllers in a laboratory environment.	14.00	X		



Mowrey Elevator Co: For more information, contact Dan Redmond at 850-526-4111 or dan@mowreyelevator.com.

	Course Title	Contact Hrs	CET	CAT	Safety
	Continuing Education Course, MTC-003: This course has been designed to keep elevator mechanics current & informed so they can safely & competently perform their duties. It contains technical and safety instruction that is relevant to elevator construction, alteration, modification, repair & maintenance. It reviews current practices and provides an overview of recent changes to the various codes and regulations.	8.00	X 6 hrs	X 6 hrs	X 2 hrs








NAESA International: For information call 360-292-4968 or visit www.naesai.org

	Course Title	Contact Hrs	CET	CAT	Safety
	A17.6 – 2010 Webinar The webinar will focus on the A17.6 – 2010 Standard for Elevator Suspension, Compensation and Governor Systems. Included is an in-depth discussion of the A17.6 Standard focusing on what inspectors and technicians need to know in order to properly maintain, service and inspect the various suspension means.	4.00	X		
	Introduction to New Technology Inspection Seminar Two day seminar focusing on the ASME A17.1S-2005 requirements relative to MRL design and layout.	VARIED	X 12 hrs	X 4 hrs	X 2 hrs
	NAESA Overview of New Technology Inspection and Introduction to the Performance Based Code Two day professional development seminar will include an executive overview of Talon®, 400A®, ISIS II®, Monospace and Ecospace® and Gen II®, modular escalator design and advances in control system technology. ASME A17.7 / CSA B44.7 Performance-Based Code will present in depth, including orientation to Global Essential Safety Requirements (GESR's), Safety Parameters (SPs), certification and role of Accredited Elevator Escalator Certifying Organizations (AECOs) ISO Guide 65 Programs and how the Code will relate to AHJs, inspectors and field personnel involved in regulatory application	6.00	X		
	Code Update Seminar (2008) Seminars are being offered on various dates and locations.	7.50	X		
	Code Update Seminar (2011) Seminars are being offered on various dates and locations.	8.00	X		
	NAESA Cont Ed for Certified Competent Conveyance Mechanics An overview of CCR Title 8, Subchapter 6, Elevator Safety Orders, Section 3000.	6.00	X	X	
	NAESA A18.1-2008 Safety Standard for Platform Lifts & Stairway Chair Lifts 1-day seminar that explores the relationship of these units with ADA, the history of platform lifts in code.	8.00	X	X	
	NAESA QEI Training Program Seminars are being offered on various dates and locations..	32.00	X	X	
	Florida Code Update Seminar QEI and Florida CC one-day continuing education seminar elevator and escalator code update class.				
	➤ ASME Codes: A18.1-2003 Safety Standard for Platform Lifts & Stairway Chair Lifts	3.00	X		
	➤ ASME Codes: A17.1a-2008 Safety Code for Elevators and Escalators	1.00	X	X	
	➤ ASME Codes: NFPA 70-2008 National Electrical Code	1.00	X	X	
	➤ Florida State Codes & Statutes	1.00	X		
	➤ Safety and Elevator Use	1.00			X
	➤ Elevator Inspection & Mechanics Common Questions	1.00	X	X	
	NAESA 2011 Eastern Region Spring Workshop April 15 -16, 2011, Clarion Fontainebleau Hotel, Ocean City, Maryland - Sessions approved are as follows:				
	➤ Elevator Design	1.00	X	X	
	➤ GAL Controller Systems	1.00	X		
	➤ Changes in the New A17.6 2010 Standard of Elevator Suspensions, Compensation	1.00	X	X	
	➤ Changes of the New A.17b 2009 Code	1.00	X		
	➤ Firefighters Service Operation	1.50	X		
	NAESA 2011 Eastern Region Fall Workshop October 28 - 29, 2011 @ Holiday Inn, Charlotte, North Carolina - Sessions approved are as follows:				
	➤ Periodic Inspection Testing and the Elevator Code	1.00	X	X	
	➤ Rope Gripper: Installation, Operation and Testing	1.00	X		
	➤ Step/Skirt Performance Index Test	1.00	X		
	➤ Firefighters Service Operation	1.50	X		
	➤ Elevator Controller Overlays for Fire Service & Emergency Power	1.00	X		
	➤ Changes in the New A17.6 2010 Standard of Elevator Suspensions, Compensation	1.00	X	X	
	➤ Elevator Code Rules that Apply to Alternations in Section 8.7	1.00	X		
	➤ ASME A17.1 2010 Changes	1.00	X		


OSHA Outreach Training Programs: For more information, visit www.outreachtrainers.org

	Course Title	Contact Hrs	CET	CAT	Safety
	OSHA 10 Construction The 10-hour Construction Industry Outreach Training Program is intended to provide an entry level construction workers general awareness on recognizing and preventing hazards on a construction site. The training covers a variety of construction safety and health hazards which a worker may encounter at a construction site. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	10.00			X
	OSHA 30 Construction The 30-hour Construction Outreach Training Program is intended to provide a variety of training to workers with some safety responsibility. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	30.00			X


Performance Learning Solution: For more information, contact James Ganley at jganley@plstrains.com or 217-423-3541

	Course Title	Contact Hrs	CET	CAT	Safety
	Basic First Aid, CPR & AED for Adults American Red Cross developed & sponsored program trains participants to recognize and care for life-threatening respiratory or cardiac emergencies in adults and provides the knowledge and skills needed to care for injury or sudden illness until professional medical help arrives. This comprehensive course meets training guidelines for first aid programs established by OSHA. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	8.00			X
	Bloodborne Pathogens Training Program trains and provides individual with an understanding of the intent of the bloodborne pathogens regulation issued by OSHA; how bloodborne pathogens are spread; how to help prevent exposure incidents by following work practice controls, using engineering controls and personal protective equipment, practicing good personal hygiene and properly cleaning and disinfecting equipment and supplies; and to recognize, report and follow up on employee exposures to infectious materials. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	2.00			X
	Confined Space Entry & Non-entry Rescue This course is designed to provide program participants with the knowledge to effectively recognize and evaluate those hazards associated with permit and non-permit required confined spaces. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	4.00			X
	Confined Space Rescue This course is specifically designed for those persons responsible for making entry rescues within confined spaces. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	8.00			X
	Electrical Safety and NFPA 70E This one day course defines the requirements for work practices that workers should use to avoid injury from a release of energy when performing tasks involving electricity. This course enable participants to prevent or minimize exposure to widely recognized electrical hazards as well as to better understand the importance of the relationship between OSHA and NFPA 70E. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	8.00			X
	Fall Protection Training To help reduce the significant number of workplace injuries and fatalities related to falling on the job, this program instructs participants on acceptable fall protection practices and safety measures.	2.00			X
	OSHA 10-hour General Industry Outreach This course will introduce participants to a variety of OSHA policies, procedures and standards as well as general industry safety and health principles covered by OSHA. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	10.00			X


QEI Services: For more information, contact Brain Ralli at bralli@qeiservicws.com or 888-651-9209

	Course Title	Contact Hrs	CET	CAT	Safety
	Preparation for QEI Certification	13.00	X		


Safe Elevator Corp: For more information, email safe.elevcorp@yahoo.com or call 772-223-9387

	Course Title	Contact Hrs	CET	CAT	Safety
	Elevator Education Workshop This course includes the following topics: Code Books Content • A17.1 Section 8 • A17.1 Data Plate & Test Tag Requirements A17.1 Periodic Test Requirements • Safety • New Technology • Local Ordinances •A17.1a - 2008/CSA B44A- 2008 • Suspension Ropes	VARIED	X 9 hrs	X 3 hrs	X 1 hr


Safety Resources LLC: For more information, Charles Northam at ctnortham@comcast.net or 410-742-7233

	Course Title	Contact Hrs	CET	CAT	Safety
	Medic First Aid This course is a fundamental training program in emergency care. CPR and other important emergency care skills are combined into a single course. (PLEASE NOTE: A maximum of 3 contact hrs in safety will be accepted. All safety hrs in excess of the maximum will not be applied towards renewal)	8.00			X


Savaria Concord Lifts Inc: For more information, contact Bill Richardson at brichardson@concordelevator.com

	Course Title	Contact Hrs	CET	CAT	Safety
	Concord Installation & Troubleshooting The course is designed to help accessibility technicians strengthen their installation skills and troubleshooting skills on the Concord products. These products included both public and residential vertical platform lifts, residential elevators and limited use and limited application elevators.	VARIED	X 4 hrs	X 14 hrs	


Smartrise Engineering Inc.: For more information, contact Bill Richardson at brichardson@concordelevator.com

	Course Title	Contact Hrs	CET	CAT	Safety
	Smartrise Engineering Technical Training Attendees will learn about the Smartrise Elevator Control System architecture as well as how to install, troubleshoot, test and maintain the system at this one-day seminar.	7.50	X		



Edgar Schroll: For more information, contact Edgar Schroll at fotodad@comcast.net

	Course Title	Contact Hrs	CET	CAT	Safety
	The Relationship Between Resistance and Current The session focus is the relationship between resistance & current and electrical safety.	VARIED	X 6.5 hrs		X 1.5 hr







Stannah Starlifts, Inc: For more information, contact Ryan Schneider at ryan_schneider@stannah.com or 508-520-7878.

	Course Title	Contact Hrs	CET	CAT	Safety
	Installing Servicing and Faultfinding the Stannah 420 Hinge By the end of the course students should be able to: <ul style="list-style-type: none"> • Install the new 420 hinged rail • Carry out carriage preparation • Carry out servicing schedule • Fault find on the 420 • Carry out repair work as detailed in the service work methods 	7.00		X	






Stannah Starlifts, Inc (cont): For more information, contact Ryan Schneider at ryan_schneider@stannah.com or 508-520-7878.

	Installing Servicing and Faultfinding the Stannah 260 By the end of the course students should be able to: <ul style="list-style-type: none"> • Install the 260 Stairlift • Carry out servicing schedule • Fault find on Model 260 Stairlift • Carry out repair work as detailed in the service work methods 	7.00		X	
	Installing Servicing and Faultfinding the Stannah 420 By the end of the course students should be able to: <ul style="list-style-type: none"> • Install the new 420 standard rail • Have a basic understanding of schematics, and electrical meter usage. • Carry out routine servicing on the 420 • Fault find on the 420 • Carry out repair work as detailed in the service work methods 	7.00		X	



ThyssenKrupp Access Manufacturing: For more information, contact Jason Ford at Jason.ford@tkaccess.com.

	Course Title	Contact Hrs	CET	CAT	Safety
	Service Training for Platform Lifts and LULA & Residential Elevators This course is designed to help elevator mechanics strengthen their maintenance and troubleshooting skills needed to provide safe, code compliant applications for the end user. Major course topics included an electrical troubleshooting; valve adjustments/troubleshooting; mechanical adjustments/maintenance; and a review of the applicable safety standards. The course will include lectures, group discussions, hands-on-training and handouts.	8.00	X	X	
	Evolution (LULA) Installation School This course is designed to help elevator mechanics strengthen their installation, maintenance and troubleshooting skills needed to provide safe, code compliant applications for the end user.	19.00	X	X	
	Platform Lift Installation School This course is designed to help mechanics strengthen their installation, maintenance and troubleshooting skills needed to provide safe, code compliant applications of platform lifts.	19.00	X	X	
	Incline Platform Lifts School This course is designed to train dealers how to install, service and troubleshoot Incline Platform Lifts (IPL) manufactured by ThyssenKrupp Access Mfg. This will include the Journey (straight run) and Supra (curved runs). In this class the students will learn all aspects of TKA IPL's, such as installing the rail, wiring the controller, assembling the chassis, final adjustments, troubleshooting and code compliance. This "hands on" course will also include lectures, group discussions, handouts and a course evaluation test.	15.00	X	X	
	Stairway Lifts School This course is designed to train dealers how to install, service and troubleshoot Stairway Lifts (SL) manufactured by ThyssenKrupp Access Mfg. This will include the Levant and Flow. In this class the students will learn all aspects of TKA SL's, such as measuring, installing, final adjustments, troubleshooting and code compliance. This "hands on" course will also include lectures, group discussions, handouts and a course evaluation test.	13.00	X	X	
	Private Residence Elevators School This course is designed to train dealers how to install, service and troubleshoot Private Residence Elevators manufactured by ThyssenKrupp Access Mfg. This will include the LEV, Volant and Destiny. In this class the students will learn all aspects of TKA PRE's, such as hanging the rail, wiring the controller, building the cab, installing automatic door operators, final adjustments, troubleshooting and code compliance. This "hands on" course will also include lectures, group discussions, handouts and a course evaluation test.	22.00	X	X	


US Postal Service: For more information visit www.nced.com or call (866) 438-6233.

	Course Title	Contact Hrs	CET	CAT	Safety
	Elevator Maintenance Electric Traction This course is designed to familiarize the student with electric traction elevator system components and related A17.1 Code requirements for the purpose of safely performing routine maintenance and repairs.	63.75	X		
	Elevator Maintenance Hydraulic This course is designed to familiarize the student with hydraulic elevator system components and related A17.1 Code requirements for the purpose of safely performing routine maintenance and repairs.	63.75	X	X	
	Elevator Maintenance for Freight Doors A five day class covering the installation, inspection, adjustment, maintenance and troubleshooting of door systems on freight elevators. Included in the course are lessons covering the different types of vertically sliding freight doors, the components that make up the door system and applicable ASME A17.1 code requirements.	36.25	X		
	Troubleshooting Relay Logic Electric Traction Elevators This course is designed to provide the student with a systematic method for diagnosing system malfunctions and analyzing control circuitry to efficiently locate trouble source.	29.0	X	X	
	Troubleshooting Relay Logic Hydraulic Elevators This course is designed to provide the student with a systematic method for diagnosing system malfunctions and analyzing control circuitry to efficiently locate trouble source.	29.0	X	X	


VAESA: For more information contact Michael Henley at mike.henley@dgs.virginia.gov.

	Course Title	Contact Hrs	CET	CAT	Safety
	VAESA 3rd Quarter Meeting July 13, 2011, Belmont Recreation Center Conference Room, Henrico, Virginia	3.50	X		
	VAESA 2nd Quarter Meeting April 20, 2011, Theatre Row Building Conference Room, Richmond, Virginia	1.00	X		


Vertical Express: For more information, contact Robert Bowman at robert.bowman@thyssenkrupp.com

	Course Title	Contact Hrs	CET	CAT	Safety
	ICON Control – Adjustment and Service This course is designed to introduce the student to the theory of operation of the ICON control system manufactured by ThyssenKrupp Elevator Manufacturing USA. In addition, the student will learn the proper installation and commissioning techniques as well as service instruction (troubleshooting and repair).	16.00	X		


Victaulic: For more information, contact Dennis Love at dlove@victaulic.com or 410-340-3806

	Course Title	Contact Hrs	CET	CAT	Safety
	Grooved Mechanical Piping For Hydraulic Elevators This session is an overview and hands on demonstration of the different types of grooved couplings (flexible and rigid), proper gasket selection, correct installation techniques for Victaulic grooved pipe couplings, and roll grooving for pipe .	2.00	X		


Virginia Controls: For more information, contact Tom Reamsnyder at tom.reamsnyder@vacontrols.com or 804-225-5530

	Course Title	Contact Hrs	CET	CAT	Safety
	MVFCL Traction Elevator Controller Training The objective of the session is to provide an understanding of the components of the MVFCL controller and the related machine and field devices connect to it that form an elevator system. To provide a procedure for installing and troubleshooting an MVFCL controller in the most efficient manner by using the schematics and manuals supplied.	7.00	X		

Waupaca Elevator Company: For more information, contact Scott DuQuaine at 800-238-8739 or sduquaine@waupacaelevator.com.

	Course Title	Contact Hrs	CET	CAT	Safety
	Service and Installation Technical Training Principles and methods of installing & maintaining Waupaca Elevator residential elevators and dumbwaiters are taught in this course. Course topics include safety, service, installation, troubleshooting, basic hydraulics, basic electronics and code compliance. The course combines a classroom and lab approach to facilitate the application of topics presented and discussed.	19.00	X	X	

Wisconsin – Dept of Commerce: For more information, contact David Holmes at david.holmes@wi.gov or 715-828-5901

	Course Title	Contact Hrs	CET	CAT	Safety
	2011 Elevator Construction Symposium Oct 11-12, 2011, Grand Geneva Resort, Lake Geneva WI.	VARIED	X 13.0 hrs	X 2.00 hrs	