

VIRGINIA DEPARTMENT OF EDUCATION
OFFICE OF CAREER, TECHNICAL, AND ADULT EDUCATION

**2017 Summer Trade and Industrial Education Pre-/Post-Conference Workshops in
conjunction with the Virginia Association of Trade and Industrial Educators**

Occupational Safety and Health Administration (OSHA) Workshops

Workshop 1: July 22-25 - Construction Standards (OSHA 510 Course)

Workshop 2: July 28-31 - Construction Train-the-Trainer (OSHA 500 Course)

Location: [Norfolk Waterside Marriott](#), 235 East Main Street, Norfolk, Virginia 23510

Trainers: West Virginia University OSHA Certified Faculty

Description: The OSHA 510 and OSHA 500 courses are designed for Virginia trade and industrial education carpentry, cabinetmaking, electricity, building trades, masonry, plumbing, and other related CTE instructors who require initial OSHA certification or recertification. To participate in the OSHA 500 course, instructors must bring proof of completion for the prerequisite OSHA 510 course and have five years of construction safety experience. Participants of the four day OSHA 500 will be able to teach the OSHA 10 or 30 hour OSHA Construction courses for four years.

Participants will be provided paper and digital copies of the OSHA 500 instructional materials and over 80 PowerPoint presentations on the OSHA construction standards.

Occupational Safety and Health Administration (OSHA) Workshops

Workshop 3: July 22-25 and July 28-31 - General Industry Standards (OSHA 511 Course)

Workshop 4: July 28-31 - General Industry Train-the-Trainer (OSHA 501 Course)

Location: [Norfolk Waterside Marriott](#), 235 East Main Street, Norfolk, Virginia 23510

Trainers: West Virginia University OSHA Certified Faculty

Description: The OSHA 511 and 501 courses are designed for Virginia trade and industrial education automotive, barbering, cosmetology, criminal justice, firefighting, graphic imaging, nail technician, public safety, and other related CTE educators who choose to pursue the OSHA General Industry certification. To participate in the OSHA 501 course, instructors must bring proof of completion for the prerequisite OSHA 511 course and have five years general industry safety experience. Participants of the four day OSHA 501 will be able to teach the OSHA 10 or 30 hour OSHA General Industry Hazard Awareness courses for four years.

Participants will be provided paper and digital copies of the OSHA 501 instructional materials and over 80 PowerPoint presentations on the OSHA construction standards.

Occupational Safety and Health Administration (OSHA) Workshops

Workshop 5: July 22-25 - Maritime Standards (OSHA 5410 Course)

Workshop 6: July 28-31 - Maritime Train-the-Trainer (OSHA 5400 Course)

Location: [Norfolk Waterside Marriott](#), 235 East Main Street, Norfolk, Virginia 23510

Trainers: West Virginia University OSHA Certified Faculty

Description: The OSHA 5410 and 5400 courses are designed for Virginia trade and industrial education welding and other related CTE educators who choose to pursue the OSHA Maritime.

Ensuring Safety: Scaffolding Train-the-Trainer Course

Workshop 7: July 27

Location: [Norfolk Technical Center](#), 1330 North Military Highway, Norfolk, Virginia 23502

Trainers: West Virginia University OSHA Certified Faculty

Description: Through hands-on application, participants will learn the basic requirements for scaffold safety and construction methods to ensure stable access.

Manufacturing Skills Institute (MSI) Manufacturing Technician Level 1 (MT1) Train-the-Trainer Course

Workshop 8: July 22-24

Location: [Norfolk Waterside Marriott](#), 235 East Main Street, Norfolk, Virginia 23510

Trainer: Dr. Victor Gray, Executive Director, Manufacturing Skills Institute

Description: The MT1 certification course is an intensive three-day [train-the-trainer program](#) designed to teach instructors how to deliver the MT1 Action Learning Lab in a modular or customized format. Instructors will also learn how to demonstrate the 12 MT1 skills standards through hands-on application.

This training is for currently licensed trade and industrial education instructors of Precision Machining, Electronics, Industrial Robotics Technology, and Industrial Maintenance Technology.

Automotive, Auto Body, & Diesel Equipment Technology Workshops

Workshop 9: July 26 - Electude Technical Update

Workshop 10: July 26 - Chrysler Technical Update

Workshop 11: July 26 - Honda Technical Update

Workshop 12: July 26-28 - Diesel Engine and Fuel Systems

Workshop 13: July 26-28 - General Motors Technical Update

Workshop 14: July 27 - Toyota Technical Update

Workshop 15: July 27-28 - Gasoline Direct Injection

Workshop 16: July 28 - Ford Technical Update

Location: [Tidewater Community College, Regional Automotive Center](#)
600 Innovation Drive, Chesapeake, Virginia 23320

Trainers: Fiat Chrysler, Honda, Tidewater Community College, General Motors, Toyota, and Ford Certified Instructors

Description: The Automotive and Diesel Equipment Technology workshops will provide update training on new technology found in Fiat Chrysler, Ford, Honda, General Motors, and Toyota automobiles. Participants will be engaged in classroom and hands-on training. Participants can earn 20 hours of training that can be used towards the National Automotive Technician's Education Foundation (NATEF) annual training requirement.

Auto Body Technology Workshop

Workshop 17: July 26-27 - I-CAR Technical Update

Location: [Chesapeake Center for Science and Technology](#), 1617 Cedar Road,
Chesapeake, Virginia 23322

Trainer: I-CAR Certified Instructor

Description: The I-CAR Update will provide update training on new technologies and collision repair procedures. Participants will be engaged in classroom and hands-on training that can be used towards the NATEF annual training requirement.

Cybersecurity Instructional Workshop

Workshop 18: July 27

Location: [Norfolk Waterside Marriott](#), 235 East Main Street, Norfolk, Virginia 23510

Trainer: Cyber Innovation Center (CIC)

Description: During this session, the National Integrated Cyber Education Research Center (NICERC), the academic division of the Cyber Innovation Center, through a project driven approach, will guide teachers through the opportunities, threats, responsibilities and legal constraints associated with operating in cyberspace. Teachers will receive free, cyber curricula that can be integrated into the classroom