

April 8, 2016

VIRGINIA DEPARTMENT OF EDUCATION
OFFICE OF CAREER AND TECHNICAL EDUCATION

**2016 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 23-26 - Construction Standards (OSHA 510 Course)

Workshop 2: July 29-August 1 - Construction Train-the-Trainer (OSHA 500 Course)

Location: [Sheraton Roanoke Hotel and Conference Center](#)
2801 Hershberger Road NW, Roanoke, Virginia 24017

Trainers: West Virginia University OSHA Certified Faculty

Description: The OSHA 510 and OSHA 500 courses are for Virginia trade and industrial education instructors and other related CTE educators 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 or proof of certification previously attained in OSHA 500 or 502 courses.

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

SOLIDWORKS – Industry CAD Certification: Preparing Students for Success

Workshop 3: July 23-26

Location: [Virginia Western Community College](#)
3094 Colonial Avenue, Roanoke, Virginia 24015

Trainer: Ryan Koehler, SOLIDWORKS Corporation

Description: Instructors will gain insights into SOLIDWORKS 3D solid modeling, design concepts, and sustainable design. Upon completion of the workshop, all participants will receive a voucher to take the Certified SOLIDWORKS Associate (CSWA) examination and receive a complimentary copy of SOLIDWORKS Student Edition.

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

Workshop 4: July 24-26

Location: [Sheraton Roanoke Hotel and Conference Center](#)
2801 Hershberger Road NW, Roanoke, Virginia 24017

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. Lunch will be provided.

Microsoft Imagine Academy MTA Certification Workshop

Workshop 5: July 28

Location: [Burton Center for Arts and Technology](#)
1760 Roanoke Blvd., Salem, Virginia 24153

Trainer: Microsoft Certified Trainer

Description: The Microsoft Technology Associate (MTA) certification validates understanding of basic technology concepts in software development and information technology. Becoming a Microsoft Technology Associate provides a strong skill set and supports further learning in computer science and IT infrastructure.

Ensuring Safety: Scaffolding Train-the-Trainer Course

Workshop 6: July 28

Location: [Burton Center for Arts and Technology](#)
1760 Roanoke Blvd., Salem, Virginia 24153

Trainers: West Virginia University Faculty

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