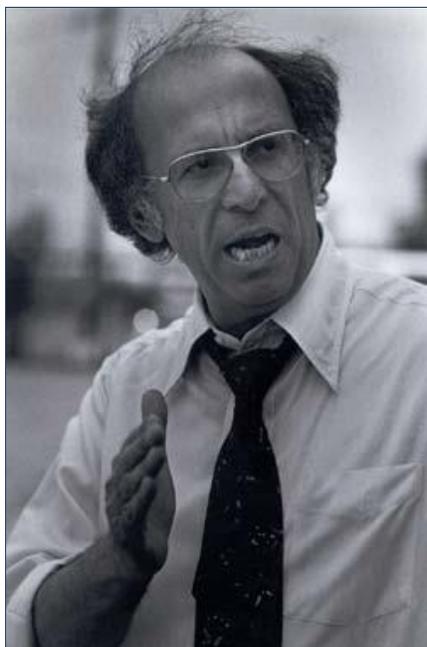


TONY MAZZOCCHI CENTER *Course Catalog*

JULY 2019





The Tony Mazzocchi Center for Health, Safety and Environmental Education is a project of the United Steelworkers (USW), and its Health, Safety and Environment Department, along with the Communications Workers of America (CWA), Labor Institute, Make the Road New York (MRNY) and National Day Laborer Organizing Network (NDLON). The USWTMC provides training to local union members, management and worker centers through grants awarded by the National Institute of Environmental Health Sciences of the National Institutes of Health (NIEHS, NIH). TMC training programs reach more than 20,000 workers from more than 20 industry sectors across the nation annually.

Our mission is to... prevent work-related injuries and illnesses by providing union-based health, safety and environment training to local unions (leadership, activists and workers), their management counterparts and worker center members.

Contact Us

For more information about any of the courses listed in this catalog, to schedule training or to request site-specific training please contact the USW Tony Mazzocchi Center by phone at **412-562-2581** or by email at webmaster@uswtmc.org.

Connect with us!

Visit our website at www.uswtmc.org or connect with us on social media. Search for **@USWTMC** or **Tony Mazzocchi Center** on Facebook, Twitter, Instagram, Flickr and YouTube.



United Steelworkers: www.usw.org



The United Steel, Paper and Forestry, Rubber, Manufacturing, Energy, Allied Industrial and Service Workers International Union represents 850,000 workers from the Alaska North Slope to the Virgin Islands, from Newfoundland to Hawaii. We are the largest manufacturing and extractive union in North America, with members in health care, transportation, higher education and government as well. The USW Health, Safety and Environment Department assists local unions with safety and environmental issues, investigates serious accidents, helps negotiate contracts, works for better laws and regulations, conducts education programs, and strives to protect union members and their communities.

Communications Workers of America: www.cwa-union.org



The Communications Workers of America represents 700,000 workers in private and public sector employment in the United States, Canada and Puerto Rico. CWA members work in telecommunications and information technology, the airline industry, news media, broadcast and cable television, education, health care and public service, law enforcement, manufacturing and other fields.

Tony Mazzocchi Center: www.uswtmc.org



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Labor Institute: www.thelaborinstitute.org



The Labor Institute is a founding partner of the Tony Mazzocchi Center, along with the United Steelworkers and Communications Workers of America. The Labor Institute partners with the National Day Laborer Organizing Network, Workers Justice Project, New Labor, Make The Road, Wind of the Spirit and other worker centers to help build health and safety infrastructure and strategies with support from the NIEHS Worker Education Training Program and New York State Hazard Abatement Board.

Make the Road New York: www.maketheroadny.org



Make the Road New York (MRNY) builds the power of Latino and working class communities to achieve dignity and justice through organizing, policy innovation, transformative education and survival services.

National Day Laborer Organizing Network: www.ndlon.org



NDLON improves the lives of day laborers in the United States. To this end, NDLON works to unify and strengthen its member organizations to be more strategic and effective in their efforts to develop leadership, mobilize and organize day laborers in order to protect and expand their civil, labor and human rights. NDLON fosters safer, more humane environments for day laborers, both men and women, to earn a living, contribute to society, and integrate into the community.

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Hazardous Waste Operations and Emergency Response

HAZWOPER 40-hour (40 hours)

Target Audience: Workers at facilities and sites that handle, store, recover and process hazardous materials, including but not limited to, toxic chemicals, gases and hazardous operations

This course is especially important if participation is required in any emergency response situation. This training is **required** for workers at uncontrolled hazardous waste operations and clean-up sites. For example, paper facilities that use chlorine or other chemicals; steel mills/foundries that use toxic chemicals in processes or tire manufacturers using and storing chemicals.

Course Description: This course is specifically designed for workers who are involved in clean-up operations, voluntary clean-up operations, emergency response operations and storage, disposal or treatment of hazardous substances, or uncontrolled hazardous waste sites. Topics include protection against hazardous chemicals, elimination of hazardous chemicals, safety of workers and the environment and OSHA regulations. This course covers topics included in 29 CFR 1910.120. Participants will receive a certificate upon successful completion of the course.

The Occupational Safety and Health Administration (OSHA) requires additional employer provided, site specific training before a worker can be assigned to the workplace.

HAZWOPER 24-hour (24 hours)

Target Audience: Workers at facilities and sites that handle, store and process hazardous materials, including but not limited to, toxic chemicals, gases and hazardous operations

It is required training for workers visiting an uncontrolled hazardous waste operation site or working at a treatment, storage and disposal site (TSD).

Course Description: This course covers broad issues pertaining to hazard recognition and control at work sites. OSHA has developed the HAZWOPER requirements to provide workers important information they need to work at and around the hazardous sites and devised extensive regulations to ensure their safety and health. While identifying different types of hazards, the course also suggests possible precautions and protective measures to eliminate or reduce hazards at the workplace. This course covers topics included in 29 CFR 1910.120. Participants will receive a certificate upon successful completion of the course.

OSHA requires additional employer provided, site specific training before a worker can be assigned to the workplace.

HAZWOPER Refresher (8 hours)

Target Audience: General site workers who remove hazardous waste or who are exposed or potentially exposed to hazardous substances or health hazards

Course Description: This course is designed to meet the requirements in OSHA 29 CFR 1910.120 for eight hours of annual refresher training for workers at hazardous waste sites. It is required annually for those who wish to maintain HAZWOPER 40- and 24-hour authorizations. Throughout the course, the participants will review the basic OSHA requirements and review how to handle hazardous materials on a waste or a treatment, storage and disposal site (TSD). Participants will receive a certificate upon successful completion of the course.

OSHA

OSHA 511 General Industry (32 hours)

Target Audience: Local union leaders, health and safety representatives and committee members who will be doing facility audits and are actively involved in the health and safety program at their site

Course Description: This course covers OSHA policies, procedures and standards, as well as general industry safety and health principles in greater detail than the awareness level. Emphasis on the application of the OSHA standards will enable attendees to better understand how to measure safe conditions and seek corrections for violations. Participants will receive a certificate via the Department of Labor upon successful completion of the course.

This course is the prerequisite for OSHA 501.

OSHA 501 General Industry (32 hours)

Target Audience: USW members and site management who have the responsibility or opportunity to deliver OSHA Outreach Training Programs

Course Description: In this four-day train-the-trainer class, participants will acquire the knowledge and skill to present OSHA regulatory topics presented in OSHA 10- and 30-hour classes. Participants will receive an OSHA 501 authorization card and certificate from the Department of Labor, which authorizes them to teach OSHA 10- and 30-hour classes for four years upon successful completion of the course.

Completion of the OSHA 511 and five years of general industry safety experience are prerequisites.

OSHA 503 General Industry (24 hours)

Target Audience: Authorized OSHA Outreach trainers

Course Description: This course provides an update on OSHA General Industry Standards, policies and regulations. Upon course completion students will have the ability to demonstrate continued professional development in their field by applying effective adult learning principles. These include interactive training techniques to clearly identify, define and explain general industry hazards and acceptable corrective measures as they continue to teach the 10- and 30-hour General Industry Outreach Training Program classes. Participants will receive an OSHA 503 general industry safety card from the Department of Labor upon successful completion of the course.

OSHA Outreach: 10-hour General Industry (16 hours)

Target Audience: All workers covered under OSHA's general industry standards

Course Description: This course is ideal for providing basic safety and health awareness for all workers. Participants will be introduced to OSHA policies, procedures and standards, and safety and health principles covered in OSHA's general industry standards. Special emphasis will be placed on the most hazardous topics. Participants will receive an OSHA general industry safety and health 10-hour course completion card from the Department of Labor upon successful completion of the course.

OSHA 10-hour General Industry training is also available in Spanish.

OSHA Outreach: 30-hour General Industry (32 hours)

Target Audience: All workers covered under OSHA's general industry standards

Course Description: This course provides more in-depth information than the OSHA 10-hour. OSHA recommends outreach training programs as an orientation to occupational safety and health for workers. Participants will receive an OSHA general industry safety and health 30-hour course completion card from the Department of Labor upon successful completion of the course.

OSHA 30-hour General Industry training is also available in Spanish.

OSHA 510 Construction (32 hours)

Target Audience: Local union leaders, health and safety representatives and committee members who will be doing audits and are actively involved in the health and safety program at their site

Course Description: This course covers OSHA policies, procedures and standards, as well as construction safety and health principles in greater detail than the awareness level. Emphasis on the application of the OSHA standards in citing deficiencies will enable attendees to better understand how to measure safe conditions and seek correction of violations. Participants will receive an OSHA construction safety and health 510 course certificate from the Department of Labor upon successful completion of the course.

This course is the prerequisite for OSHA 500.

OSHA 500 Construction (40 hours)

Target Audience: USW members who have the opportunity to deliver OSHA Outreach Training Programs

Course Description: In this five-day train-the-trainer class, participants will acquire the knowledge and skill to present OSHA regulatory topics to be presented in OSHA 10- and 30-hour construction classes. Participants will receive an OSHA 500 authorization card and certificate from the Department of Labor and will be authorized to teach OSHA 10- and 30-hour construction classes for four years, upon successful completion of this course.

Completion of the OSHA 510 and five years of construction safety experience are prerequisites.

OSHA 502 Construction (24 hours)

Target Audience: Authorized OSHA Outreach trainers

Course Description: This course provides an update on OSHA Construction Standards, policies and regulations. Upon course completion students will have the ability to demonstrate continued professional development in their field by applying effective adult learning principles and interactive training techniques to clearly identify, define and explain construction industry hazards and acceptable corrective measures as they continue to teach the 10- and 30-hour Construction Outreach Training Program classes.

OSHA Outreach: 10-hour Construction (16 hours)

Target Audience: All workers covered under OSHA's construction standards

Course Description: This course is ideal for providing basic safety and health awareness for all workers. Participants will be introduced to OSHA policies, procedures and standards, and safety and health principles covered in OSHA's construction standards. Special emphasis will be placed on the most hazardous topics. Participants will receive an OSHA construction safety and health 10-hour course card from the Department of Labor upon successful completion of this course.

OSHA 10-hour Construction training is also available in Spanish.

OSHA Outreach: 30-hour Construction (32 hours)

Target Audience: All workers covered under OSHA's construction standards

Course Description: This course is an advanced safety program. OSHA recommends outreach training programs as an orientation to occupational safety and health for workers. The program provides extensive information on OSHA compliance issues. Participants will receive an OSHA construction safety and health 30-hour course completion card from the Department of Labor upon successful completion of the course.

OSHA 30-hour Construction training is also available in Spanish.

Department of Energy (DOE)

10 CFR 851 Final Rule A (8 hours)

Target Audience: All workers at DOE-covered facilities

Course Description: This curriculum provides workers the opportunity to examine the law that codifies all the previous DOE regulations, orders and other health and safety practices into one regulation. The purpose of this regulation is to enhance health and safety at DOE facilities.

Radiation Worker Training (16 hours)

Target Audience: USW DOE workers engaged in non-routine operations or work in areas with changing radiological conditions

Course Description: This training includes information on ALARA, radiation physics, radiological work permits, dosimetry and other pertinent information. There is also a hands-on component to the class.

Hazard Recognition and Control

Hazard Mapping (8 hours)

Target Audience: Workers in all industries

Course Description: This eight-hour training program instructs participants on how to develop a hazard map to identify and locate hazards. Systems of safety are used to analyze the effectiveness of proposed fixes for identified hazards. Workers in all industries can benefit from specific hazard identification techniques and learn strategies to encourage elimination or chemical substitution of known hazards and substances.

Hazard Mapping is also available Spanish.

Process Safety Management (8 hours)

Target Audience: All workers in the oil and chemical industries covered by OSHA's Process Safety Management Standard

Course Description: This eight-hour training familiarizes participants with the basic elements of the OSHA's 29 CFR 1910.119 Process Safety Management (PSM) Standard. It provides information about the implementation of the PSM Standard. It also covers conducting accident, incident and near-miss investigations, focusing on root causes.

Industrial Process Safety Management (8 hours)

Target Audience: Committee members and all workers whose tasks are covered by OSHA's PSM Standard

Course Description: This training gives participants a more in-depth look at the elements of the OSHA's 29 CFR 1910.119 Process Safety Management (PSM) Standard. Elements such as incident investigation, process hazard analysis, emergency response, compliance audits, management of change and mechanical integrity are all further explored and discussed.

Process Safety Representative (40 hours)

Target Audience: USW Process Safety Representatives and management in the oil and chemical industries

Course Description: This course covers the application, implementation and evaluation of the PSM Standard. Special emphasis is placed on operating procedures, safe work practices and training.

Incident Investigation (32 hours)

Target Audience: Committee members and workers involved in incident and near-miss investigations at their facilities

Course Descriptions: Participants will be trained to be part of an investigation team identifying root causes. Techniques used include logic tree analysis and other methods to identify root causes of incidents, and recommend solutions to control the hazards.

Near-Miss Project (8 hours)

Target Audience: All workers in all industries

Course Description: This course prepares workers to participate in a worker-developed and led near-miss program. This is achieved through the use of incident investigation techniques. Important fixes to hazards are identified during the investigation of a particular incident.

Lessons Learned (4-8 hours)

Target Audience: Health and safety representatives, health and safety committee members, and incident investigators

Course Description: This course is designed to help representatives, committee members and investigators learn techniques that will assist them in sharing information gathered during investigations. Applying Systems of Safety, interviewing skills, writing and other communication techniques will be emphasized.

GHS Components of HCS 2012 (2 hours)

Target Audience: All workers covered by OSHA's Hazard Communication Standard

Course Description: This course will provide information on the Globally Harmonized System of Classification and Labeling of Chemicals Participants will become familiar with hazard classification and be able to identify the hazards communicated by pictograms, chemical labels and safety data sheets under GHS.

Weatherization Survey Course (16 hours)

Target Audience: Workers entering the field of creating energy efficiency in residential and commercial buildings

Course Description: This course offers instruction on the principles of energy and gives specific information on building energy inspections, air leakage and insulation, heating, cooling and other factors that affect a building's energy usage.

Green Chemistry; Green Jobs; Green Health; Green Environment and Green Communities (4 hours)

Target Audience: Workers entering the field of creating energy efficiency in residential and commercial buildings

Course Description: This course examines the use and prevalence of toxics in our environment and what protections exist. Additionally, it examines the European Union's principles of toxics reduction and how they could be applied in the United States.

Management of Change (4-8 hours)

Target Audience: All workers in all industries

Course Description: This training focuses on Management of Change as defined by the OSHA PSM Standard. Students learn how proper management of change is vital to the safety of their worksite.

Maintenance and Inspection (4-8 hours)

Target Audience: All workers in all industries

Course Description: In this training, participants learn about maintenance and inspection issues and their role in creating a safe workplace.

Mapping the History of an Incident (4 hours)

Target Audience: Health and safety representatives, health and safety committee members and incident investigators

Course Description: This course will teach participants how to use a new type of mapping to explore past events. It examines how missed opportunities to fix past incidents can contribute to a catastrophic event. It also explores barriers to reporting hazards, incidents and near-misses, and ways to eliminate those barriers.

Increasing the Effectiveness of Labor-Management Safety and Health Committees (8 hours)

Prerequisite: at least one day of union leadership for health and safety training, involving local union leaders, union safety and health representatives and committee members, and other union officers and committee members.

Target Audience: Local union and management leaders, safety and health committee members and officials

Course Description: Effective safety and health committees are cornerstones of effective, comprehensive workplace safety and health programs and are essential to the important work of finding and fixing hazards and preventing injuries and illnesses. This interactive workshop identifies elements of effective committees, discusses common pitfalls and how to avoid them, reviews functions and best practices for committees, focuses on steps to take to implement and sustain fundamental elements that make committees effective, and helps labor-management safety and health committees develop specific, strategic plans for improving workplace safety and health.

Emergency Response

Emergency Response (16 hours)

Target Audience: Hazardous waste workers from all USW industries who are required to participate in an Emergency Response beyond sounding an alarm and evacuating the area

Course Description: This course provides training for basic awareness and operations level responders as required under 29 CFR 1910.120. Topics covered are emergency response, emergency roles, toxic myths and chemical protective clothing. Topics can vary as we are able to construct the training to be specific to your site. This training is an awareness level course and does not qualify the participant to handle, recover or process hazardous materials.

Infectious Diseases at Work (4 hours)

Target Audience: All workers concerned with exposure to infectious diseases at work. Health care workers have a special emphasis in this program.

Course Description: This course includes information on how infectious diseases are spread at work, minimizing exposure and controlling transmission of disease and what employers should do to protect their workers. Information on specific diseases is also included.

OSHA 7600: Disaster Site Worker Outreach Training (16 hours)

Target Audience: Workers and volunteers who respond to natural and man-made disasters

Course Description: Pre-incident training is essential for ensuring disaster site worker safety and health. The training provides instruction on how to protect oneself while training others how to safely conduct rescue, recovery and site clean-up.

Safety and Health Awareness for Responders to Earthquakes: Protecting Yourself While Responding to Earthquakes (1-4 hours)

Target Audience: Workers and volunteers who respond to natural and man-made disasters

Course Description: This is an awareness-level health and safety course for responders who will participate in an earthquake response and clean-up. It covers what an earthquake is, characteristics of an earthquake response, and how to identify and control hazards pertaining to the response and cleanup activities associated with an earthquake.

Safety Awareness for Responders to Hurricanes: Protecting Yourself While Helping Others (1-4 hours)

Target Audience: Workers and volunteers who respond to natural and man-made disasters

Course Description: This course describes basic information on hurricanes and associated hazards including heat stress, chemical releases, water-borne disease and mold. It describes a variety of techniques to control hazards related to a hurricane's aftermath and how responders can be kept safer.

Mold Clean-up and Treatment: Health and Safety Essentials for Workers, Volunteers and Homeowners (1-4 hours)

Target Audience: Workers and volunteers who respond to natural and man-made disasters

Course Description: Mold can grow in the aftermath of a variety of disasters in which water has damaged structures and infiltrated materials. While some mold is harmless, other types of mold can cause asthma attacks and other respiratory health issues. This course describes ways to safely work in moldy conditions.

Awareness for Radiological Dispersion Device (RDD) Preparedness: Protecting Yourself During a Dirty Bomb Response (1-4 hours)

Target Audience: Workers and volunteers who respond to natural and man-made disasters

Course Description: This is an awareness-level health and safety course for responders called to participate in the aftermath of a dirty bomb. It helps workers understand the basics of a dirty bomb and radiation exposure, and how to protect against radioactive contamination and other associated hazards.

Protecting Yourself While Responding to Wildfires (1-4 hours)

Target Audience: Workers and volunteers who respond to natural and man-made disasters

Course Description: This is an awareness-level health and safety course for responders participating in a wildfire assessment and clean-up. It helps workers understand the characteristics of a wildfire and how responders should protect and control against the associated hazards.

Protecting Yourself from Avian and Other Types of Influenza (1-4 hours)

Target Audience: Workers and volunteers who respond to natural and man-made disasters

Course Description: This is an awareness level health and safety course for responders who may come in contact with influenza-infected animals or contaminated materials. It describes influenza and how to protect against infection and other hazards associated with this response.

Union Approach/Union Leadership for Health and Safety

Target Audience: For local union officers, union health and safety reps and committee members, bargaining committee, grievors/stewards and other union leaders and activists.

Course Description: This course provides tools to help local unions create safer, healthier workplaces, involve members in the union's health and safety activities, develop creative strategies to get tough problems addressed and build local union strength. Classes can be tailored to specific needs of local unions and can range from a half-day to several days. Below are some sample topic areas. Contact the TMC to discuss these and other topics and design a course that will meet particular needs.

- Understanding and Developing a Union Approach to Health and Safety
- Establishing and Strengthening Safety and Health Committees
- Confronting “Blame-the-Worker” Safety Programs: Ending or Preventing Behavior-Based Safety (including employer practices that discourage workers from reporting injuries/illnesses, behavioral observation programs and more)
- Identifying and Addressing Health and Safety Impacts of Work Restructuring and Workplace Change
- “Continuous Bargaining” Over Health and Safety: Developing Strategic Campaigns to Get Tough Health and Safety Problems Addressed
- Tools to Track Workplace Injuries and Illnesses, Identify Hazards, and Exercise Whistleblower Rights to Prevent and Address Retaliation for Injury Reporting
- Involving Members in Hazard Identification (including body, hazard and life mapping, developing and conducting union health and safety surveys and more) and Hazard Control (using the Hierarchy of Controls)
- Introduction to “Looking for Trouble” – The USW’s model comprehensive workplace safety and health program

Triangle of Prevention (TOP)



TOP Awareness Training (8 hours)

Target Audience: **Required** initial training for all employees (hourly and salaried) at any USW TOP site

Course Description: This training introduces participants to USW Systems of Safety and to the USW Triangle of Protection (TOP) Program. It provides a basic understanding of TOP for non-investigators. This training is part of a site's initial USW TOP Program contract and is performed early in the contract year by TOP site worker-trainers.

TOP Investigator Training (16 hours)

Target Audience: **Required** initial training for all new TOP incident investigators at any USW TOP site

Course Description: Participants will be trained to be part of an investigation team in identifying root causes. Techniques used include logic tree analysis and other methods to identify root causes of incidents, and recommend solutions to control the hazards.

TOP Representative Leadership Training (40 hours)

Target Audience: New USW TOP Representatives and Alternates

Course Description: This training is to prepare the TOP Representative for their duties in administering the TOP Program at their site. It explains the values of the TOP Program and helps the TOP Representative assume the leadership role necessary for the success of the program. This training is part of a site's initial USW TOP Program contract and is performed at the start of the contract year by certified USW worker-trainers.

Management of Change (4-8 hours)

Target Audience: All workers in all industries

Course Description: This training focuses on Management of Change as defined by the OSHA PSM Standard. Students learn how proper management of change is vital to the safety of their worksite.

Maintenance and Inspection (4-8 hours)

Target Audience: All workers in all industries

Course Description: In this training, participants learn about maintenance and inspection issues and their role in creating a safe workplace.

Mapping the History of an Incident (4 hours)

Target Audience: Health and safety representatives, health and safety committee members and incident investigators

Course Description: This course will teach participants how to use a new type of mapping to explore past events. It examines how missed opportunities to fix past incidents can contribute to a catastrophic event. It also explores barriers to reporting hazards, incidents and near-misses, and ways to eliminate those barriers.

Indicators: A Means to Monitoring and Driving Health and Safety (4-8 hours)

Target Audience: Employees (hourly and salaried) at USW TOP sites *consistent across all TOP entries

Course Description: Indicators are markers of health and safety in the workplace. Safety and health programs respond to the markers that are tracked and evaluated. This course will explain the difference between leading indicators and lagging indicators, and will help sites figure out the best markers, or indicators, to use to evaluate the safety programs at their sites.

Train-the-Trainer

Worker-Centered Training (40 hours)

Target Audience: Workers who have approval from their District Director and local union and have committed to becoming a certified TMC worker-trainer

Course Description: This course is a fast-paced, interactive training on the worker-centered method of training and specific workbook materials. The new trainers will practice facilitating classes with their peers using the training values of the Tony Mazzocchi Center. They learn how to show respect for participant knowledge and make it a basis of the learning experience. Trainers will also learn how to help their brothers and sisters overcome apathy by sharing the power, and help them work collectively to identify and eliminate hazards in the workplace. This course gives union activists an opportunity to train and involve the entire workforce in health and safety.

Popular Adult Education (40 hours)

Target Audience: Workers who have approval of their District Director and local union and have committed to becoming a certified TMC worker-trainer

Course Description: This course gives participants the opportunity to gain a better understanding of the popular adult education teaching method. It stresses the importance of worker action in the educational process. Participants will learn how workers' experiences form the foundation for education. An interactive teaching atmosphere is created through analyzing and identifying obstacles and barriers preventing change in the workplace and learning to apply this new information during classroom practice opportunities. Additionally, the three routes of learning exchanges and the role that they play will be identified.

