



UAW-GM CENTER FOR HUMAN RESOURCES
Health & Safety Department

Course Descriptions



UAW-GM Center for Human Resources Health & Safety Course Descriptions

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UAW-GM Center for Human Resources Health & Safety Course Descriptions

ALS101 Aerial Lift Safety (T3) – CTIS #2221

Description:

This training course is designed to provide participants the knowledge and skills necessary to identify various types of Aerial Lift equipment, complete a pre-operation inspection and apply safe operating procedures for this type of equipment. This course also prepares participants to teach the course to others.

Audience:

This course is intended for those trainers that will be actively involved in Aerial Lift Safety at your facility.

Prerequisites:

- Lockout Energy Control - (LEC101) T3 - #2215 or #8607 – At Risk Worker)
- Fall Hazard Control Program – At Risk Worker Training (FAR101 - #2212 T3 or #8626 - At Risk Worker)
- Aerial Lift Safety – At Risk Worker (ALS101 - #8628)
- Valid Aerial Lift operator’s permit
- Medically qualified based on appropriate physical evaluation/exam

Duration:

- 20 Hours

Objectives:

- Be able to list the authorization requirements and describe the responsibilities of the operator, ground person and supervisor.
- Select the appropriate aerial lift, secure the work area, perform a pre-operation inspection, and perform a hazard analysis.
- Follow recommended safety procedures for re-fueling aerial lifts, and operate the aerial lift utilizing all aerial lift functions.

Benefits:

- Prepare aerial lift operators, ground persons and their supervisors to safely conduct operations where aerial lifts are involved.
- Trainers will return to their facilities with the basic knowledge and skills to teach the identification and operation of aerial lift equipment.

Notes:

- Part of this training course curriculum requires participants to don a full body harness. A combined harness and student weight **must not** exceed 310 lbs. for this training. Participants exceeding this weight requirement will be denied entry into this class.
- Participant must present a valid operator’s permit, otherwise will be denied entry into this class.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

ALS101 Aerial Lift Safety (At Risk Worker) - CTIS #8628

Description:

AT-RISK-WORKER - Provide knowledge and skills necessary to identify various types of Aerial Lift equipment, complete a pre-operation inspection and apply safe operating procedures for this type of equipment. Operator permits expire every three years.

Audience:

Plant participants who operate aerial lift equipment.

Prerequisites:

- Medically qualified based on appropriate evaluation/exam.
- UAW-GM Fall Hazard Control – FAR101 - At Risk Worker –CTIS #2212 or (At Risk Worker) CTIS #8626
- UAW-GM Lockout Energy Control – LEC101 (T3) - CTIS #2215 or (At Risk Worker) – CTIS #8607

Duration:

- 8 Hours

Objectives:

- Be able to list the authorization requirements and describe the responsibilities of the operator, ground person and supervisor.
- Select the appropriate aerial lift, secure the work area, perform a pre-operation inspection, and perform a hazard analysis.
- Follow recommended safety procedures for re-fueling aerial lifts, and operate the aerial lift utilizing all aerial lift functions.

Benefits:

- Prepare aerial lift operators, ground persons and their supervisors to safely conduct operations where aerial lifts are involved.

Notes:

- Part of this training requires participants to don a full body harness. A combined equipment and student weight **must not** exceed 310 lbs. for this training. Participants exceeding this weight requirement will be denied entry into this course.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

Airbag Training - CTIS #33826*

*(This training is not offered at the CHR, but materials are available to order through us.)

Description:

This Health and Safety Airbag Training is to provide participants with the skill and knowledge required to handle airbag modules properly. Participants will learn about proper storage, handling and installation of airbags to avoid unintentional deployment and the risk of serious injury in the event that deployment occurs.

Audience:

Training is for all workers who are currently, or will be involved with jobs that involve the handling of airbags.

Prerequisites:

- None

Duration:

- 2 Hours

Objectives:

- Enables participant to describe the different types of airbags and explain how airbags are deployed.
- Discuss airbag storage requirements, demonstrate safe airbag handling techniques.
- Explain what to do if an airbag unintentionally deploys.
- Identify any additional guidelines that are specific to his/her work assignment.

Benefits:

- By adhering to the guidelines for frontal and side-impact airbag modules, workers will reduce the likelihood of unintentional deployment in your plant.
- Reduce the risk of serious injury in event such a deployment occurs.

Notes:



UAW-GM Center for Human Resources Health & Safety Course Descriptions

AOM101 Asbestos Safety – Operations and Maintenance (T3) CTIS #33790

Description:

This course is designed to provide participants information necessary to safely conduct asbestos operations and maintenance programs within their facility. Topics covered in this course include:

- Identifying common asbestos materials and their health effects,
- Selecting and properly using equipment and personal protective equipment,
- Contain and/or remove asbestos materials,
- Proper clean-up and housekeeping procedures.

Audience:

This course is intended for those trainers that will be actively involved in Asbestos Safety Operations and Maintenance Training at your facility.

Prerequisites:

- UAW-GM-Asbestos Safety Awareness - #33909
- UAW-GM Asbestos Safety Housekeeping Operations - #33910
- Medically qualified based upon appropriate physical evaluation/exam
- Medically qualified to wear air-purifying respiratory protection

Duration:

- 28 Hours

Objectives:

- Identify common asbestos materials and their health effects.
- Select and properly use equipment and personal protective equipment.
- Contain and/or remove asbestos materials.
- Proper clean-up and housekeeping procedures.

Benefits:

- Trainers will return to their facilities with the knowledge and skills to teach the Asbestos Safety Operation and Maintenance (At Risk Worker) course.
- Safe, correct work procedures for identifying, controlling and removing Asbestos during operations and maintenance activities.

Notes:

- Trainers that will be actively involved in asbestos safety housekeeping operations training at your facility must attend the Asbestos Safety Housekeeping Operations and Maintenance (T3) – AOM101 – CTIS #33790.
- This training course curriculum requires participants to participate in staged asbestos removal scenarios. These hands-on exercises emulate typical maintenance of repair tasks in the plant. Participants demonstrate the proper use of precautionary equipment (barricades, phylons, air sampling equipment, etc.), donning/removal of personal protective equipment (disposable clothing, respiratory protection, etc.), exhibit safe practice for containment (gloves, bags, duct tape, etc.) and removal equipment and materials, proper clean-up and decontamination procedures.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

AOM101 Asbestos Safety Awareness (At Risk Worker) - CTIS #33909

Description:

AT-RISK-WORKER – Designed to make personnel aware of the hazards and policies when working in UAW-GM facilities where asbestos containing materials or presumed asbestos containing materials are present.

Audience:

Employees working in a UAW-GM facility where Asbestos containing materials or presumed asbestos containing materials is present.

Prerequisites:

- None

Duration:

- 1 Hour

Objectives:

- Learn proper procedure when working in areas where asbestos is present in UAW-GM facilities.

Benefits:

- To travel throughout the facility and perform job assignments without disturbing asbestos containing materials.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

AOM101 Asbestos Safety – Housekeeping Operations (At Risk Worker) CTIS #33910

Description:

AT-RISK-WORKER - Asbestos Safety – Housekeeping Operations course is designed to give participants the skills and knowledge to work safely around materials that contain (or are presumed to contain) asbestos. Participants learn how to effectively control housekeeping tasks performed around asbestos.

Audience:

This course is intended for those employees that will be actively involved in Asbestos Safety Housekeeping Operations at your facility.

Prerequisites:

- UAW-GM Asbestos Hazard Awareness (At Risk Worker) AOM 101 – CTIS #33909

Duration:

- 4 Hours

Objectives:

Understand asbestos, the health effects, cleaning equipment and procedures.

Benefits:

- Be able to safely clean areas identified as Asbestos containing materials without disturbing it or contaminating themselves or others within UAW-GM.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

AOM101 Asbestos Safety – Operations and Maintenance - (At Risk Worker) CTIS #36067

Description:

AT-RISK-WORKER - The training program addresses “Class III” work which is maintenance and repair worker where a small amount of ACM (material that has been positively identified as asbestos containing material) or PACM (material that has been identified as presumed asbestos containing materials) is likely to be disturbed. This course teaches participants who work with or around asbestos, exposure protection and training to the level necessary to safely perform their jobs. It also describes the methods, equipment and procedure that must be used to ensure their safety.

Audience:

Employees that will be actively involved in the Asbestos Safety Program at your facility.

Prerequisites:

- UAW-GM-Asbestos Safety Awareness - #33909

Duration:

- 16 Hours

Objectives:

- Identify common asbestos materials and their health effects.
- Select and properly use equipment and personal protective equipment.
- Contain and/or remove asbestos materials.
- Proper clean-up and housekeeping procedures.

Benefits:

- Safe, correct work procedures for identifying, controlling and removing Asbestos during operations and maintenance activities.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

BBP101 Bloodborne Pathogens (T3) - CTIS #2223

Description:

This training program is designed to convey vital safety information to all workers with the potential for occupational exposure to infected blood or body fluids.

Audience:

This course is intended for those trainers that will be actively involved in Bloodborne Pathogens Training at your facility.

Prerequisites:

- None

Duration:

- 12 Hours

Objectives:

- Understand nature and symptoms of bloodborne diseases and how bloodborne pathogens are transmitted. Understand the meaning of Universal Precautions.
- Understand information about Hepatitis B vaccination and its availability at their location.
- How to recognize tasks and activities in their work environment that may involve exposure to bloodborne pathogens.
- Methods used to reduce or eliminate exposures and the types of PPE.

Benefits:

- Trainers will return with knowledge and skills to teach the Bloodborne Pathogens Training program
- Focuses on hazard recognition and safe work practices as key to reducing or eliminating exposure to blood/other potentially infectious materials.

Notes:

- Participants must demonstrate proficiency in donning a tyvek suit (PPE); demonstrate safe practice for removal of disposable gloves & proper procedure for decontaminating a blood spill.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

BBP101 Bloodborne Pathogens Awareness Update (At Risk Worker) CTIS #36169

Description:

AT-RISK-WORKER - This annual awareness update is designed to broaden the knowledge necessary to prevent exposure while performing your job or responding to an emergency. This effort will enhance the health of our workers, employees, and their families.

Audience:

All workers that have the potential of becoming exposed to bloodborne pathogens.

Prerequisites:

- None

Duration:

- 2 Hours

Objectives:

- Update workers with the most up to date information regarding bloodborne pathogens.
- Prevent UAW-represented workers and salaried personnel from exposure to bloodborne diseases in the workplace.

Benefits:

- Bring awareness to workers and personnel regarding exposure to bloodborne diseases in the workplace and everyday occurrences.
- Provide workers with current information concerning bloodborne pathogens.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

BBP101 Bloodborne Pathogens Awareness Update - CTIS #8579

Description:

This annual awareness update is designed to broaden the knowledge necessary to prevent exposure while performing your job or responding to an emergency. This effort will enhance the health of our workers, employees, and their families.

Audience:

All workers that have the potential of becoming exposed to bloodborne pathogens.

Prerequisites:

- None

Duration:

- 2 Hours

Objectives:

- Update workers with the most up to date information regarding bloodborne pathogens.
- Prevent UAW-represented workers and salaried personnel from exposure to bloodborne diseases in the workplace.

Benefits:

- Bring awareness to workers and personnel regarding exposure to bloodborne diseases in the workplace and everyday occurrences.
- Provide workers with current information concerning bloodborne pathogens.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

BBP101 Bloodborne Pathogens Awareness Update - CTIS #36170

Description:

This annual awareness update is designed to broaden the knowledge necessary to prevent exposure while performing your job or responding to an emergency. This effort will enhance the health of our workers, employees, and their families.

Audience:

All workers that have the potential of becoming exposed to bloodborne pathogens.

Prerequisites:

- None

Duration:

- 2 Hours

Objectives:

- Update workers with the most up to date information regarding bloodborne pathogens.
- Prevent UAW-represented workers and salaried personnel from exposure to bloodborne diseases in the workplace.

Benefits:

- Bring awareness to workers and personnel regarding exposure to bloodborne diseases in the workplace and everyday occurrences.
- Provide workers with current information concerning bloodborne pathogens.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

CSE101 Confined Space Entry (T3) - CTIS #2224

Description:

This course is designed to provide the entrant and attendant the skills necessary to identify and monitor for possible hazards in a confined space. Topics covered include: How to select equipment and make pre-entry preparations, prepare the space for entry, conduct the entry operation and conclude the entry operation. In addition, the participants will plan and execute an emergency rescue from a confined space.

Audience:

Trainers that will be actively involved in Confined Space Entry training at your facility.

Prerequisites:

- Lockout Energy Control #2215 or #8607
- Fall Hazard Control #2212 or #8626
- Confined Space Entry (At Risk Worker) #8624
- Medically qualified to wear a full faced respirator based on a current annual physical evaluation/exam.

Duration:

- 20 Hours

Objectives:

- Identify what constitutes a confined space / permit required confined space or a non-permit required confined space.
- Have the ability to select equipment and make pre-entry preparations.
- Prepare the space for entry operation and conclude the entry operation.
- Be able to plan and execute an emergency rescue from a confined space.

Benefits:

- Prepare both the entrant and attendant with the knowledge and skills to safely identify, plan and execute entry into confined spaces.
- Trainers will be able to teach Confined Space Entry program to entrants and attendants at their facility.

Notes:

- This hands-on training course requires participants to: (1) Demonstrate proficiency in donning a Self Contained Breathing Apparatus (SCBA), (2) Plan and execute an emergency rescue from a confined space.
- Part of this training course curriculum requires participants to don a full body harness. A combined harness and student weight **must not** exceed 310 lbs. for this training. Participants exceeding this weight requirement will be denied entry into this class.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

CSS101 Confined Space Entry Supervisor (T3) - CTIS #8867

Description:

This course presents the specific tasks performed by a Confined Space Entry Supervisor. The course topics include: Identifying and classifying confined spaces; identifying confined space hazards and methods to control those hazards; selection and proper use of testing and monitoring equipment; roles and responsibilities of the confined space team and working with outside contractors

Audience:

This course is intended for those trainers that will be actively involved in Confined Space Entry Supervisor Training at your facility.

Prerequisites:

- Confined Space Entry Training (CSE101) – CTIS #2224 or #8624 or #8622
- Participants **must** bring all or part of their facility's confined space log as well as samples of completed Hazard Analysis forms, which will be used as part of the training process.

Duration:

- 28 Hours

Objectives:

- Upon successful completion of the training course, the participant will be able to; identify and classify confined spaces, identify confined space hazards and methods to control those hazards, be able to select and use testing and monitoring equipment, and know the roles and responsibilities of all members of the confined space team and ensuring compliance when working with outside contractors. Participants will be able to understand all related documentation requirement for the Confined Space Program.
- Participants will also be able to teach Confined Space Entry Supervisor in their facility.

Benefits:

- UAW-GM trainers will learn to instruct GM Confined Space Entry Supervisors on how to successfully meet their responsibilities as entry supervisors.
- Prepare the Entry Supervisor with the knowledge and skills to safely identify, plan and execute entry into confined spaces.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

CSE101 Confined Space Entry (At Risk Worker) - CTIS #8624

Description:

AT RISK WORKER - This course is designed to provide the entrant and attendant the skills necessary to identify and monitor for possible hazards in a confined space. Topics covered include: How to select equipment and make pre-entry preparations, prepare the space for entry, conduct the entry operation and conclude the entry operation. In addition, the participants will plan and execute an emergency rescue from a confined space.

Audience:

Employees actively involved in Confined Space Entry operations at your facility.

Prerequisites:

- UAW-GM Fall Hazard Control FAE101 - At Risk Worker - T3 (#2212) or (#8626)
- Lockout Energy Control – LEC101 (T3) - (#2215) or At Risk Worker – CTIS #8607
- Medically qualified to wear a full faced respirator based on a current annual physical evaluation/exam.
- Bloodborne Pathogens Awareness Update – CTIS #8579
- CPR, AED, First Aid (At Risk Worker) – CTIS #47884

Duration:

- 8 Hours

Objectives:

- Identify what constitutes a confined space/permit required confined space or a non-permit required confined space.
- Have the ability to select equipment and make pre-entry preparations.
- Prepare the space for entry operation and conclude the entry operation.
- Be able to plan and execute an emergency rescue from a confined space.

Benefits:

- Prepare both the entrant and attendant with the knowledge and skills to safely identify, plan and execute entry into confined spaces.

Notes:

- This hands-on training course requires participants to (1) demonstrate proficiency in donning a Self Contained Breathing Apparatus (SCBA), (2) plan and execute an emergency rescue from a confined space.
- Part of this training course curriculum requires participants to don a full body harness. A combined harness and student weight **must not** exceed 310 lbs. for this training. Participants exceeding this weight requirement will be denied entry into this class.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

CSS101 Confined Space Entry Supervisor (At Risk Worker) - CTIS #8622

Description:

AT-RISK-WORKER - This course presents the specific tasks performed by a Confined Space Supervisor. Course topics include: Identifying and classifying confined spaces, identifying confined space hazards and methods to control those hazards, selection and use of testing and monitoring equipment, roles and responsibilities of the confined space team, and ensuring compliance to the UAW-GM standards when working with outside contractors.

Audience:

GM and designated employees actively involved in performing duties as Confined Space Entry Supervisors.

Prerequisites:

- UAW-GM Confined Space Entry T3 (#2224) or At Risk Worker (#8624)

Duration:

- 16 Hours

Objectives:

- Identify and classify confined spaces, confined space hazards and methods to control those hazards.
- Select and use testing and monitoring equipment.
- Understand the roles and responsibilities of all members of the confined space team & ensure compliance when working with outside contractors.
- Understand all related documentation requirements for the Confined Space Program.

Benefits:

- Prepare the Entry Supervisor with knowledge and skills to safely identify, plan and execute entry into confined spaces.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

Cority Cognos Training - CTIS #38940

Description:

This training course equips UAW Health and Safety Representatives, UAW Industrial Hygiene Technicians, UAW Joint Ergonomic Technicians, GM Safety Supervisors, GM Safety Representatives, GM Joint Ergonomic Technicians, GM Regional Industrial Hygienists, and GM Divisional Health and Safety Representatives with the knowledge and skills required to generate GM Cority Cognos safety and ergonomic reports.

Audience:

Approved Cority Cognos system users.

Prerequisites:

- Must have requested access to Cority Cognos prior to registration. This is required because the course is taught using the live database so students will need to have access to their site data. We recommend requesting access at least three weeks prior to the course date to ensure that access will have been granted prior to the course date. To obtain access, email Robert Chapman at the CHR (Robert.chapman@gm.com); or call (586) 533-6927.

Duration:

- 8 Hours

Objectives:

- Understand safety and ergonomic reporting concepts
- Learn the mechanics of generating Cority Cognos safety and ergonomic reports
- Generate Standard and Ad Hoc Health and Safety reports

Benefits:

- Allows users to extract injury/illness data from Cority Cognos system for meetings and data review
- Ability to share safety and ergonomic reports electronically with others in the organization.

Notes:



UAW-GM Center for Human Resources Health & Safety Course Descriptions

CPR, AED, and First Aid Instructor Course (T3) - CTIS #29248

Description:

This class is designed to certify an individual to be an instructor in Cardio Pulmonary Resuscitation (CPR), Automatic External Defibrillator (AED), and First Aid by the American Red Cross. Participants will receive both hands-on training and classroom training. They will learn the proper procedure for performing CPR. They will also be shown how to properly use an AED. Participants will also be shown how to treat several other injuries by performing basic first aid due to soft tissue injuries, lacerations, punctures, foreign objects and fractures that commonly occur. This course also prepares participants to teach the course to others.

Audience:

This course is intended for those trainers that will be actively involved in CPR, AED, and First Aid training at your facility.

Prerequisites:

- None

Duration:

- 28 Hours

Objectives:

- Learn proper procedure for performing CPR
- Learn proper procedure for using an AED
- Learn how to help an individual perform basic first aid measures

Benefits:

- Participants will learn how to possibly save a life in the event of an emergency.

Notes:

- Must have/know GMID (6 characters)



UAW-GM Center for Human Resources Health & Safety Course Descriptions

CPR, AED, and First Aid (At Risk Worker) - CTIS # 47884

Description:

This class is designed to certify an individual in Cardio Pulmonary Resuscitation (CPR), Automatic External Defibrillator (AED), and First Aid by the American Red Cross. Participants will receive both hands-on training and classroom instruction. They will learn the proper procedure for performing CPR. They will also be shown how to properly use an AED. Participants will also be shown how to treat several other injuries by performing basic first aid due to soft tissue injuries, lacerations, punctures, foreign objects and fractures that commonly occur.

Audience:

Class is intended for anyone who would like to learn CPR, AED, and First Aid.

Prerequisites:

- None

Duration:

- 5 Hours – 18 Mins.

Objectives:

- Learn proper procedure for performing CPR
- Learn proper procedure for using an AED
- Learn how to help an individual perform basic first aid measures

Benefits:

- Participants will learn how to possibly save a life in the event of an emergency.

Notes:

- Other classes and times available per the Red Cross guidelines in the instructor's manual.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

CST101 Crane Safety (T3) - CTIS #8871

Description:

This course is designed to teach the skills and provide knowledge necessary to conduct the safe operation of various types of cranes throughout GM facilities with particular attention to overhead cranes.

Audience:

This course is intended for those trainers that will be actively involved in Crane Safety Training in their facility.

Prerequisites:

- UAW-GM Rigging Safety Training T3 (#2219) or At Risk Worker (#8603)
- UAW-GM Crane Safety Training (At Risk Worker) - #8566
- UAW-GM Lockout Energy Control T3 - #2215 or #8607
- Medically qualified based on the appropriate physical exam
- A valid operator's permit

Duration:

- 28 Hours

Objectives:

- Properly secure the work area.
- Describe the authorization requirements.
- Roles and responsibilities of crane operators, riggers, signal persons, and their supervisors.
- Select, inspect and safely use the appropriate rigging equipment.
- Perform pre-operation and Hazard Analysis inspections.

Benefits:

- Designated employees who operate various cranes are trained to the levels necessary to safely operate the crane and associated equipment.
- Trainers will also be authorized to teach Crane Safety training.

Notes:

- Participant must present a valid operator's permit, otherwise be denied entry into this course.
- This hands-on training course curriculum requires participants to exhibit the skills necessary to complete various complex moves such as: Up end a load 90 degrees, invert a load 180 degrees, rig to an installation angle, multiple equipment lift, and other various moves.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

CST101 Crane Safety (At Risk Worker) - CTIS #8566

Description:

AT-RISK-WORKER - This course is designed to teach the skills and provide knowledge necessary to conduct the safe operation of various types of overhead cranes throughout GM facilities.

Audience:

Individuals that will be actively involved in Crane Safety Operations in their facilities

Prerequisites:

- UAW-GM Rigging Safety Training (T3) – RST101 - CTIS #2219 or (At Risk Worker) CTIS #8603
- UAW-GM Lockout Energy Control – LEC101 (T3) – CTIS #2215 or (At Risk Worker) CTIS #8607
- UAW-GM Fall Hazard Control – FAE101 – At Risk Worker (T3) – CTIS #2212 or (At Risk Worker) – CTIS #8626, where applicable
- Medically qualified based on the appropriate physical examination

Duration:

- 16 Hours

Objectives:

- Properly secure the work area.
- Describe the authorization requirements.
- Roles and responsibilities of crane operators, riggers, signal persons, and their supervisors.
- Select, inspect and safely use the appropriate rigging equipment.
- Perform pre-operation and hazard analysis inspections.

Benefits:

- Provide the crane operator with the necessary knowledge and skills to safely conduct complex moves with an overhead crane.

Notes:

- This hands-on training course curriculum requires participants to exhibit the skills necessary to complete various complex moves such as: Up End a load 90 degrees, rig to an installation angle, multiple equipment lift, and other various moves.
- Where applicable, part of this training requires participants to don a full body harness. A combined equipment and student weight **must not** exceed 310 lbs. for this training. Participants exceeding this weight requirement will be denied entry into this course.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

CST101 Crane Operator Reauthorization and Permit Renewal (At Risk Worker) CTIS #33908

Description:

AT RISK WORKER - This course is designed to provide refresher training to previously permitted Crane operators. It shall be conducted every three years. Participants will be provided with a copy of the UAW-GM Crane Reauthorization Study Guide prior to being administered a written/oral exam. A practical operating exam will be conducted as well.

Audience:

Individuals that have successfully completed and been previously permitted under the UAW-GM Crane Safety Training Program (CTIS #8566)

Prerequisites:

- Medically qualified based on the appropriate physical examination
- UAW-GM Rigging Safety Course (#8603) or (#2219)
- UAW-GM Crane Safety Training (#8566) or (#8871)
- UAW-GM Fall Hazard Control (#2212) or (#8626) where applicable

Duration:

- 4 Hours

Objectives:

- Help with ongoing commitment to a safer workplace by ensuring only fit and qualified individuals are operating overhead cranes.

Benefits:

- Provides the crane operator with the opportunity to refresh skills that are not used every day and possibly introduce changes to the Crane Safety program in your facility.

Notes:

- Participants should be supplied with a UAW-GM Crane Reauthorization Study Guide prior to being administered a written/oral exam. A study guide, five different tests and answer sheets are available on the UAW-GM Crane Safety Reauthorization CD (Inventory Code CR300CD).
- Where applicable, part of this training requires participants to don a full body harness. A combined equipment and student weight **must not** exceed 310 lbs. for this training. Participants exceeding this weight requirement will be denied entry into this course.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

EWP102 Electrical Safe Work Practices (T3) - CTIS #35705

Description:

The Electric Safe Work Practices program (ESWP) was developed to protect workers who are exposed to electrical hazards resulting from electric shock and arc flash. Participants in this class will be given T3 training on goals, objectives and requirements of the UAW-GM ESWP program. It will also include T3 training for Affected Worker Awareness and Substation Awareness.

Audience:

Electricians and Electrical Technicians

Prerequisites:

- Participants must have knowledge of electrical energy and fall under one of the above groups.

Duration:

- 12 Hours

Objectives:

- Provide training materials and information for ESWP trainers enabling them to effectively communicate the UAW-GM ESWP program to At Risk Workers, Substation Access Workers, and Affected Workers.

Benefits:

- This program, when properly implemented, will protect workers from the potentially significant hazards associated with work involving electrical energy and the related machinery, equipment or other electrical installation.
- Participants are encouraged to share best practices they have encountered during the implementation of ESWP in their facilities.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

EWP102 Electrical Safe Work Practices (At Risk Worker) - CTIS #35706

Description:

The Electrical Safe Work Practices program (ESWP) was developed to protect workers who are exposed to electrical hazards resulting from electric shock and arc flash. Participants in this class will be given training on the goals, objectives and requirements of the UAW-GM ESWP program.

Audience:

Electricians, Electrical Technicians, Supervisors of Electricians or Electrical Technicians, and Electrical Engineers.

Prerequisites:

- None

Duration:

- 8 Hours

Objectives:

- The Electrical Safe Work Practices program (ESWP) was developed to protect workers who are exposed to electrical hazards resulting from electric shock and arc flash.

Benefits:

- This program, when properly implemented, will protect workers from the potentially significant hazards associated with work involving electrical energy and related machinery, equipment or other electrical installation.

Notes:

- ESWP Implementation Training ARW – CTIS #28356 does not satisfy requirements for completing this course.
- Conduct at your facility.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

EWP102 Electrical Safe Work Practices (ESWP) SME Training - (P) CTIS #33789

Description:

The ESWP program was developed to protect workers who are exposed to electrical hazards resulting from electric shock and arc flash. This program, properly implemented, will protect workers from the potentially significant hazards associated with work involving electrical energy and the related machinery, equipment or other electrical installation.

Audience:

Subject Matter Experts (SME's), qualified electrical workers or others designated as part of a facilities ESWP Implementation Team.

Prerequisites:

- Electrical Safe Work Practices (T3) – CTIS #35705
- Excel experience

Duration:

- 12 Hours

Objectives:

- Give participants an overview of the goals, objectives and requirements of the UAW-GM ESWP program and how to achieve them.
- Special emphasis given on understanding NFPA 70E as it relates to the UAW-GM ESWP program.
- Learn how to perform arc fault calculations using the IEEE tool.

Benefits:

- Share best practices they have encountered during the implementation of ESWP in their facilities.

Notes:

- This class is not an entry level class. Participants should have a basic knowledge of electrical energy.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

EWP102 Electrical Safe Work Practices Affected Worker - CTIS #35707

Description:

The Electrical Safe Work Practices Affected Worker training was developed to protect workers who are exposed to or have the potential to be exposed to electrical hazards resulting from electric shock and arc flash. Participants in this class will be given awareness level training of the hazards associated with exposed energized conductors.

Audience:

Supervisors, Skilled Trades, Maintenance Employees, Machine Operators, and others who have the potential to be exposed to energized equipment.

Prerequisites:

- None

Duration:

- 1 Hour

Objectives:

- The Electrical Safe Work Practice Affected Worker training was developed to protect workers who have the potential to be exposed to electrical hazards resulting from electric shock and arc flash.

Benefits:

- Share best practices they have encountered during the implementation of ESWP in their facilities.
- This program, when properly implemented, will protect workers from the potentially significant hazards associated with work involving electrical energy and related machinery, equipment or other electrical installation.

Notes:

- Conduct at your facility.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

EWP102 Electrical Safe Work Practices Substation Access - CTIS #35708

Description:

The ESWP Substation Access Awareness training was developed to protect workers who are exposed to or have the potential to be exposed to electrical hazards resulting from electric shock and arc flash. Participants in this class will be given awareness level training on the hazards associated with electrical substations.

Audience:

Supervisors, Skilled Trades, Maintenance Employees, Safety Representatives, Security Officers, Emergency Response Team Members, Powerhouse Personnel, Thermography Crews.

Prerequisites:

- None

Duration:

- 1 Hour

Objectives:

- The ESWP Substation Access Awareness program was developed to protect workers who may have a need to access an electrical substation for non-electrical tasks.

Benefits:

- This program, when properly implemented, will protect workers from the potentially significant hazards associated with electrical substations and related equipment.

Notes:

- Conduct at your facility.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

ERG102 Practical Ergonomics Training (PET) - P - CTIS #2218

Description:

The Practical Ergonomics course is designed to provide participants with the knowledge and skills to evaluate the workplace for ergonomic design problems. Topics include: Ergonomically-related Musculoskeletal Disorders (EMSD's) and associated risk factors; Job cycles; Manual Material Handling; work environment; Anthropometry; and hand tools. In addition, the participants will utilize the Risk Factor Checklist (RFC).

Audience:

This course is intended for personnel that will be involved in job analysis, and identification and implementation of Ergonomic solutions.

Prerequisites:

- None

Duration:

- 36 Hours

Objectives:

- Enable participants to evaluate the workplace for ergonomic problems.
- Understand the following topics: Roles and responsibilities of the JETT and others performing job analysis and ergonomically-related musculoskeletal Disorders (EMSD's).
- Understand job cycles, manual material handling, work environment, and anthropometry hand tools.
- Understand Risk Factor Checklists (RFC), Quick Response Process (QRP), and Skilled Trades Interview Form.

Benefits:

- Will prepare the practitioner to make job analysis and corrections that will reduce or eliminate EMSD's in the workplace.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

ERG212 3D Static Strength Prediction Program and Recovery Tools – P CTIS #18858

Description:

The UAW-GM 3D Static Strength Prediction Program developed by the University of Michigan and the Rose Rhomert Recovery Tool Training Program will include an in depth computer based learning experience using the 3D software and the Rhomert Recovery Tool. Students will utilize the U of M 3DSSPP software to gain insight into how the software analyzes body posture for strength capabilities. Additionally, the 3DSSPP output data is used in the Rhomert Rose recovery tool to determine if the job cycle has proper recovery time to ensure jobs comply with the UAW-GM standards.

Audience:

This course is intended for Joint Ergonomics Technicians (JETTS) and other joint personnel who are directly involved in Ergonomic Job Analysis at your facility.

Prerequisites:

- Practical Ergonomics Training (PET) (P) - ERG102 (#2218)

Duration:

- 20 hours

Objectives:

- Effectively determine if the job under review is within the UAW-GM Ergonomic Guidelines.
- Use the recovery tool to determine appropriate rest allowance and recovery time for jobs under review.
- Utilize the University of Michigan's 3D Static Strength Prediction Program as a part of a comprehensive Ergonomic Job Analysis Program.

Benefits:

- JETT's will acquire the necessary skills to reduce or eliminate illnesses and injuries in the workplace.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

ERG312 Secondary Analysis Tools Training - CTIS #39621

Description:

The Secondary Analysis Tools training course is intended to be highly interactive with hands on training utilizing the following ergonomic tools; Energy Expenditure, Snook, NIOSH Lifting Equation, and HAL-TLV. This training will provide an in depth learning experience using the above ergonomic tools for reactive and proactive analysis and evaluation.

Audience:

This course is intended for Joint Ergonomics Technicians (JETTS) and other joint personnel who are directly involved in Ergonomic Job Analysis at your facility.

Prerequisites:

- Practical Ergonomics Training (PET) - ERG102 (#2218)

Duration:

- 20 Hours

Objectives:

- Understand and mitigate risk factors related to ergonomics using the secondary analysis tools.
- Effectively use the secondary analysis to analyze and evaluate jobs and ensure that they are within the UAW-GM ergonomics guidelines.
- Provide the JETTS with knowledge and understanding of the ergonomic tools necessary to resolve the ergonomics concerns and complete the Risk Factor Checklist (RFC).

Benefits:

- JETT's will have a better understanding of secondary analysis tools required for their operations.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

FAR101 Fall Hazard Control At-Risk Worker (T3) - CTIS #2212

Description:

This course is designed to equip students with the required skills and knowledge to identify, evaluate and control fall hazards in the work place and to teach others how to work safely at heights using various components of the personal fall arrest system (PFAS) according to the UAW-GM Fall Hazard Control At Risk Worker Program.

Audience:

Trainers that will be actively involved in the Fall Hazard Control Program.

Prerequisites:

- UAW-GM Fall Hazard Control At Risk Worker (#8626)

Duration:

- 28 Hours

Objectives:

- Plan for continuous protection, rescue and evacuation; define and minimize residual risk.
- Identify, evaluate and control fall hazards in their facility based on the Hierarchy of Health and Safety Controls.
- Select personal protective equipment, conduct a pre-use inspection, don a full body harness and connect various components of a fall arrest system.
- Maintain continuous personal protection while accessing a work site.

Benefits:

- Workers recognize and identify potential hazards when working at heights and understand the procedures and guidelines needed to control hazards when working at heights.
- Trainers will be authorized to teach Fall Hazard Control.

Notes:

- Part of this training course curriculum requires participants to don a full body harness. A combined harness and student weight **must not** exceed 310 lbs. for this training. Participants exceeding this weight requirement will be denied entry into this course. Participants should not have any medical restrictions which prevent climbing on the fall structure.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

FAR101 Fall Hazard Control (At Risk Worker) - CTIS #8626

Description:

AT-RISK-WORKER - This course is designed to equip students with the required skills and knowledge to identify, evaluate and control fall hazards in the work place and to teach others how to work safely at heights using various components of the personal fall arrest system (PFAS) according to the UAW-GM Fall Hazard Control At Risk Worker Program.

Audience:

Employees that have the potential to be exposed to a fall hazard and need to be protected by using various components of the personal fall arrest system.

Prerequisites:

- Participants should not have any medical restrictions that prevent climbing on the falls structure.

Duration:

- 8 Hours

Objectives:

- Plan for continuous protection, rescue, and evacuation; define and minimize residual risk.
- Identify, evaluate and control fall hazard in their facility based on the Hierarchy of Health and Safety Controls.
- Select personal protective equipment, conduct a pre-use inspection, don a full body harness and connect various components of a fall arrest system.
- Maintain continuous personal protection while accessing a work site.

Benefits:

- Workers recognize and identify potential hazards when working at heights and understand the procedures and guidelines needed to control hazards when working at heights.

Notes:

- Part of this training course curriculum requires participants to don a full body harness. A combined harness and student weight **must not** exceed 310 lbs. for this training. Participants exceeding this weight requirement will be denied entry into this course. Participants should not have any medical restrictions which prevent climbing on the fall structure.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

F AE102 Fall Hazard Control Engineering - P - CTIS #33886

Description:

This course will discuss the need for and the history of the UAW-GM Fall Hazard Program, and the responsibilities of the Fall Hazard Engineer and the Fall Hazard Control Committee. This course teaches how to identify, evaluate, prioritize, and control fall hazards based on the Health & Safety Hierarchy of Controls focusing on elimination, engineering controls, warnings, training and procedures. This course also focus on Personal Protective Equipment and how to specify and the residual risks associated with its use.

Audience:

This course is intended for Plant Supervisors, Engineers and safety personnel who will be involved in the implementation and maintenance of the Fall Hazard Control Program in their respective facilities. This course is designed for plant supervisors, engineers and safety personnel who will be involved in the implementation of the Fall Hazard Control Program in their respective facilities.

Prerequisites:

- UAW-GM Fall Hazard Control – At Risk Worker (#8626) or (#2212)

Duration:

- 12 Hours

Objectives:

- Identify, analyze, and prioritize fall hazards.
- Ensure compliance to OSHA Regulations, ANSI Standards, local building codes, and compliance with UAW-GM Fall Hazard Control.
- Design in appropriate fall hazard controls and recommend the appropriate configuration of PFAS.
- Determine any "residual risk", potential anchorage points, and ensure certification of anchorage points.

Benefits:

- Learn how to qualify the use of a certain type of roof support structure to act as anchorage for a personal fall arrest system.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

FAR101 Fall Hazard Competent Inspector - CTIS #45304

Description:

This course is to assist and certify the facility's Competent Person in conducting the bi-annual or annual inspections (based on manufacturer recommendations) of personal fall arrest equipment. Training will cover the proper method of equipment and documentation process of the formal inspections required to be conducted by the Competent Person. Training is intended to follow Federal, State and local guidelines as well as comply with the updated ANSI Z359-2007 consensus standards and with the UAW-GM Fall Hazard Control Program.

Audience:

Employee(s) designated by the facility to maintain the personal fall arrest equipment, perform and document the minimum annual inspections.

Prerequisites:

- UAW-GM Fall Hazard Control At Risk Worker (#8626)

Duration:

- 12 Hours

Objectives:

- Perform the minimum annual "formal" inspections according to OSHA Standards, ANSI Z359.1 / Z359.2 consensus standards and comply with the UAW-GM Fall Hazard Control program.
- Properly document and log all fall hazard equipment and the "formal" inspections.
- Reference the mgr. user manuals and technical bulletins on select and personal fall arrest equipment.

Benefits:

- Will be certified as a Competent Inspector according to ANSI Z359.1 and ANSI Z359.2 and the UAW-GM Fall Hazard Control program.
- Certification will be good for a period of two years from the date of completion.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

FTS101 Vehicle Safety for Material Handling (T3) - CTIS #2217

Description:

Vehicle Safety for Material Handling provides participants with the necessary skills and knowledge to perform pre-operation inspections, understand controls and functions, and operate vehicles used for material handling safely. Successful completion of this training course qualifies participants to teach this training course to others.

Audience:

This course is intended for those trainers that will be actively involved in Vehicle Safety for Material Handling Training at your facility.

Prerequisites:

- UAW-GM Vehicle Safety for Material Handling/Fork Truck Safety (At Risk Worker) Course - #8608
- Valid vehicle safety for material handling/fork truck operator's permit.
- Medically qualified based upon appropriate physical evaluation/examination.

Duration:

- 28 Hours

Objectives:

- Identify various types of vehicles used for material handling. Identify the controls and functions.
- Describe/demonstrate the safety aspects of operating a vehicle used for material handling.
- Perform a pre-operational inspection and hazard analysis.
- Understand the similarities and difference between driving a vehicle used for material handling and a car.

Benefits:

- Participants received necessary skills and knowledge for safe vehicle for material handling operations.
- Provide the participant with the knowledge and skills to train others in the safe operation of vehicles used for material handling.

Notes:

- Participants must show competence in operating various types of vehicles used for material handling.
- Participants are required to don a full body harness for a portion of this training. A combined harness and student weight **must not** exceed 310 lbs. Participants exceeding this weight requirement will be denied entry into this class.
- Participant must present a valid operator's permit, otherwise will be denied entry into this course.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

FTS101 Vehicle Safety for Material Handling (At Risk Worker) - CTIS #8608

Description:

AT RISK WORKER – Vehicle Safety for Material Handling provides participants with the necessary skills and knowledge to perform pre-operation inspections, understand controls and functions, and operate vehicle used for material handling safely.

Audience:

This course is intended for those employees that operate vehicles for material handling at your facility.

Prerequisites:

- Medically qualified based upon appropriate physical evaluation/examination.

Duration:

- 8 Hours

Objectives:

- Identify various types of vehicles used for material handling. Identify the controls and functions.
- Describe/demonstrate the safety aspects of operating a vehicle used for material handling.
- Perform a pre-operational inspection and hazard analysis.
- Understand the similarities and difference between driving a vehicle used for material handling and a car.

Benefits:

- Participants received necessary skills and knowledge for safe vehicle for material handling operations.

Notes:

- Participants must show competence in operating various types of vehicles used for material handling.
- Where applicable, participants are required to don a full body harness for a portion of this training. A combined harness and student weight **must not** exceed 310 lbs. Participants exceeding this weight requirement will be denied entry into this class.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

FTS101 Vehicle Safety for Material Handling Refresher - CTIS #35982

Description:

This course is designed for the worker who has successfully completed the FTS101 UAW-GM Fork Truck Safety Course, CTIS #08608 and has received his/her operator's permit. It is not intended to be used as a first-time permit program. This hands-on training course curriculum requires participants to exhibit safe operating practices while operating various types of material handling vehicles.

Audience:

This course is recommended for vehicle safety operators that are required to renew their permits. An operator's permit must be renewed every three (3) years.

Prerequisites:

- FTSA101 UAW-GM Fork Truck – Vehicle Safety for Material Handling (At Risk Worker) – CTIS #08608
- Valid vehicle safety for material handling fork truck operator's permit
- Medically qualified based upon appropriate physical evaluation/examination.

Duration:

- 4 Hours

Objectives:

- Describe/demonstrate the safety aspects of operating a vehicle used for material handling.
- Understand the similarities and difference between driving a vehicle used for material handling and a car.

Benefits:

- Participants received necessary skills and knowledge for safe vehicle for material handling operations.

Notes:

- There are prerequisites for this course: Part of this training requires participants to don a full body harness. Combined equipment and student weight **must not** exceed 310 lbs. for this training. Participants exceeding this weight requirement will be denied entry into this class.
- Participants must have a valid operator's permit. Any employee whose permit has expired beyond the six (6) month grace period must re-take FTS101 UAW-GM Fork Truck – Vehicle Safety for Material Handling (At Risk Worker) Safety Course – CTIS #8606.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

G-PL102 g-PLAC ADVANCED TRAINING (Practitioner) - CTIS #33884

Description:

This training course is designed to provide participants with the knowledge and hands-on experience to effectively use the g-Plac tool to accurately create site lockout placards along with associated lockout tags. Participants will learn how to efficiently generate lockout placard grids along with graphical site layout drawings.

Audience:

Jointly identified Lockout Placarding team members.

Prerequisites:

- UAW-GM Lockout Energy Control T3 (#2215) or At Risk Worker (#8607)
- Some computer experience skills

Duration:

- 20 Hours

Objectives:

- Accurately create plant lockout placards along with associated lockout tags.

Benefits:

- Prepares student to be able to effectively use the g-Plac tool to create site lockout placards and lockout tags.

Notes:

- Jointly identified Lockout Placarding team members must possess the knowledge to properly apply Lockout Energy Control in accordance with the UAW-GM Lockout Energy Control Program as well as computer skills to utilize the g-Plac tool.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

TAB101 g-Risk/Task Based Risk Assessment - P - CTIS #33885

Description:

General Risk Assessment (g-Risk) training provides participants the necessary skills and knowledge to facilitate/conduct risk assessments at your facility.

Audience:

Facilitators/trainers who will be actively involved with the General Risk Assessment formerly TaBRA (Task-Based Risk Assessment) process at your facility.

Prerequisites:

- UAW-GM Lockout Energy Control - LEC101 (T3) – CTIS #2215 or (At Risk Worker) CTIS #8607
- Some computer experience using software

Duration:

- 20 Hours

Objectives:

- Students will have the necessary knowledge to facilitate a General Risk Assessment in various site and new equipment applications.

Benefits:

- Students will be prepared to facilitate a General Risk Assessments on multiple applications.
- Students will be better positioned to blend technical knowledge collectively with facilitator skills in site environment.

Notes:



UAW-GM Center for Human Resources Health & Safety Course Descriptions

HZC101 Hazard Communication (T3) - CTIS #33788

Description:

This training course is designed to equip the participants with the knowledge and skills to identify, evaluate and control chemical hazards in the workplace.

Participants will be able to categorize chemical materials, use Safety Data Sheets and follow Safe Use Instructions. Upon successful completion, participants will be certified to teach this course to others.

Audience:

This course is intended for those trainers that will be actively involved in Hazard Communication training at your facility.

Prerequisites:

- Hazard Communication (At Risk Worker) - #28264

Duration:

- 12 Hours

Objectives:

- Describe each chemical category.
- Identify the physical and health hazards of all chemical materials in the work area.
- Identify the location and availability of local written program.
- Identify the location and availability of SDS, SUI, and Chemical Material List.

Benefits:

- The Hazard Communication course helps you understand and identify hazards associated with chemicals used in the workplace, ways exposures occur, and advice on how to work safely with chemicals.
- Explains rights as outlined by both the federal law and the UAW-GM program on how the program applies to you and your job.
- Trainers will be authorized to teach Hazard Communication.

Notes:

- This computer based course is highly interactive. The course contains a combination of lecture materials, videos, simulations, and exercises to keep participants involved. The DVD provides the background and required training content pertaining to the Hazard Communication program. Exercises provide the opportunity to practice skills and recall knowledge gained during this computer-based training.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

HZC101 Hazard Communication (At Risk Worker) - CTIS #28264

Description:

AT RISK WORKER - This training course is designed to equip the participants with the knowledge and skills to identify, evaluate and control chemical hazards in the workplace.

Participants will be able to categorize chemical materials, use Safety Data Sheets and follow Safe Use Instructions.

Audience:

UAW-GM employees who have the potential of exposure to chemical materials due to normal operating conditions, or foreseeable emergencies.

Prerequisites:

- None

Duration:

- 8 Hours

Objectives:

- Describe each chemical category.
- Identify the physical and health hazards of all chemical materials in the work area.
- Identify the location and availability of local written program.
- Identify the location and availability of SDS, SUI, and Chemical Material List.

Benefits:

- The Hazard Communication course helps you understand and identify hazards associated with chemicals used in the workplace, ways exposures occur, and advice on how to work safely with chemicals.
- Explains rights as outlined by both the federal law and the UAW-GM program on how the program applies to you and your job.

Notes:

- This computer based course is highly interactive. The course contains a combination of lecture materials, videos, simulations, and exercises to keep participants involved. The DVD provides the background and required training content pertaining to the Hazard Communication program. Exercises provide the opportunity to practice skills and recall knowledge gained during this computer-based training.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

HZR101 Hazard Recognition in the Workplace (T3) - CTIS #28265

Description:

This training program focuses on hazard recognition, evaluation, and control as well as conducting inspections. This course is a group-based course led by an instructor consisting of short lectures, discussions, case studies, and staged scenarios to enhance participant's skills in hazard recognition and conducting inspections.

Audience:

This course is intended for Local Joint Health and Safety Committee members that will be actively involved in training Hazard Recognition.

Prerequisites:

- None

Duration:

- 20 Hours

Objectives:

- Define key terms, concepts, and ID hazards by types.
- ID benefits of inspections, prepare for inspections, conduct inspections, and prepare reports.
- Evaluate hazards, ID control methods, assess situations and ID key actions to take.
- Follow up, ID key actions to be effective.

Benefits:

- Learn hazard identification skills and how to prioritize hazards.
- Know important control methods and when to use them.
- Conduct effective health and safety inspections at your plant.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

HZR101 Hazard Recognition in the Workplace (At Risk Worker) CTIS #33954

Description:

AT RISK WORKER – This training program focuses on hazard recognition, evaluation, and control as well as conducting inspections. This course is a group-based course led by an instructor consisting of short lectures, discussions, case studies, and staged scenarios to enhance participant's skills in hazard recognition and conducting inspections.

Audience:

This course is intended for Local Joint Health and Safety Committee members that will be actively involved in the identification, evaluation, assessment, and control of hazards in the work place.

Prerequisites:

- None

Duration:

- 8 Hours

Objectives:

- Define key terms, concepts, and ID hazards by types.
- ID benefits of inspections, prepare for inspections, conduct inspections, and prepare reports.
- Evaluate hazards, ID control methods, assess situations and ID key actions to take.
- Follow up, ID key actions to be effective.

Benefits:

- Learn hazard identification skills and how to prioritize hazards.
- Know important control methods and when to use them.
- Conduct effective health and safety inspections at your plant.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

HAZWOPER Awareness Training - CTIS #33825

Description:

This program trains UAW-represented workers and GM employees how to protect themselves from exposure and to properly notify the designated emergency personnel if a hazardous materials incident should occur.

Audience:

UAW-represented GM employees and GM employees who are likely to witness or discover a hazardous substance spill or release.

Prerequisites:

- None

Duration:

- 3 Hours

Objectives:

- Enables the participant to understand the three major duties (approach, identify, and communicate) performed at the awareness level.
- Ability to use the DOT Emergency Response Guide Book and UAW-GM Safe Use Instructions (SUI).

Benefits:

- This program along with Hazard Communications Training meets the training requirements under the OSHA 1910.120 standard for all personnel at the awareness level.

Notes:

- This training does not qualify anyone to stop, contain, or clean up a hazardous materials spill. Awareness level training means "hands-off" when it comes to containment, or cleanup.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

HYB101 Hybrid Electrical Safety/Basic/Intermediate Combined (At Risk Worker) - CTIS #33637- (Formerly known as Basic CTIS #28674 and Intermediate CTIS #30876)

Description:

AT RISK WORKER -This course provides a general overview of the basic UAW-GM Safety Processes, electrical safe work procedures and the effects of electrical energy on the human body, hybrid architecture, potential hazards and proper use of P.P.E.

Audience:

This course is intended for those that will or have the potential to be exposed to hybrid vehicle electrical energy.

Prerequisites:

- None

Duration:

- 2 Hours

Objectives:

- Participants will be able to explain some of the UAW-GM Health and Safety processes and relate them to the hybrid program. Some of these would be the Hierarchy of Controls TaBRA, ESWP, and Take Two.
- Be able to choose the proper PPE and demonstrate its use and care.
- Understand the effects of voltage and current on the body and how to protect yourself from them.

Benefits:

- Provide answers about hybrid electrical safety for all those who are exposed or have the potential to be exposed to electrical energy.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

HYB101 GM Hybrid Vehicle Description and Safety Awareness (At Risk Worker) - CTIS #30197

Description:

AT RISK WORKER - This course provides a general overview of the GM 42 Volt Belt/Alternator/Starter (BAS) hybrid system. This includes safety practices, overview of the battery, disconnect, and SGCM systems. It's vehicle specific to the BAS system.

Audience:

This course is intended for those that will be or have the potential to the testing, troubleshooting or repairing of GM hybrid vehicles.

Prerequisites:

- Hybrid Electrical Safety – Note: You must have taken either Basic CTIS #28674 and Intermediate CTIS #38076 or CTIS #33637 (This is the new CTIS # for both classes combined).

Duration:

- 2 Hours

Objectives:

- Participants will be able to explain some of the UAW-GM Health and Safety processes and relate them to the hybrid program. Some of these would be the Hierarchy of Controls TaBRA, ESWP, and Take Two.
- Be able to choose the proper PPE and demonstrate its use and care.
- Understand the effects of voltage and current on the body and how to protect yourself from them.

Benefits:

- Provides vehicle specific answers about hybrid systems and components for all those who are working on or near GM hybrid vehicles.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

HYB101 GM Two-Mode Hybrid Vehicle Description and Safety Awareness (At Risk Worker) - CTIS #30869

Description:

AT RISK WORKER - This course provides a general overview of the GM Two-Mode 300 volt hybrid system. This includes safety practices, overview of the battery, disconnect, TPIM, and other systems. It is vehicle specific for all 300V two-mode hybrid platforms, RWD, FWD, and AWD.

Audience:

This course is intended for those that will or have the potential to be exposed to the testing, troubleshooting or repairing of GM Two-Mode hybrid vehicles.

Prerequisites:

- Hybrid Electrical Safety – Note: You must have taken either Basic CTIS #28674 and Intermediate CTIS #38076 or CTIS #33637 (This is the new CTIS # for both classes combined).

Duration:

- 2 Hours

Objectives:

- Participants will have reviewed basic safety requirements for working on Two-Mode hybrid systems.
- Learned to identify the components of a Two-Mode hybrid system and any special precautions that may be required to assemble, test or repair hybrid vehicles.
- Locate and explain the various test points for verifying voltage on the vehicle.

Benefits:

- Provide vehicle specific answers about hybrid systems safety and components for all those who are working on or near GM Two-Mode hybrid vehicles.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

IHT112 Initial Training for Industrial Hygiene Personnel – P - CTIS #33814

Description:

This training workshop will help prepare the new UAW-GM Industrial Hygiene Technician (IHT) to carry out the duties assigned to them in the UAW-GM National Agreement.

Audience:

This course is intended for newly appointed Industrial Hygiene Technicians who have not yet received initial UAW-GM specific IH training.

Prerequisites:

- None

Duration:

- 28 Hours

Objectives:

- Help UAW-GM IHT's better understand their roles and responsibilities under the UAW-GM National Agreement.
- Provide introductory training on the disciplines of hazardous materials control, air sampling, confined space atmospheric testing and noise monitoring.
- Ability to review UAW-GM health and safety programs that involve the UAW-GM IHT's.

Benefits:

- Receive useful UAW-GM specific IH training from UAW and GM industrial hygienists via lectures and hands-on activities.
- Have an opportunity to network with other UAW-GM IHT's.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

HSR102 Initial Health and Safety Representative Workshop (P) - CTIS #33792

Description:

This workshop is designed as an introduction to UAW-GM Health and Safety programs for newly appointed Local Joint Health and Safety Committee members and Alternate Health and Safety Representatives.

Participants will be able to identify OSHA standards and the UAW-GM agreements as they pertain to worker's safety. This course provides information on their roles and responsibilities in UAW represented facilities.

Audience:

This course is intended for newly appointed Local Joint Health and Safety Committee members and Alternate Health and Safety Representatives, Joint Ergonomic Training Teams and Industrial Hygiene Technicians.

Prerequisites:

- None

Duration:

- 36 Hours

Objectives:

- Provide an understanding of roles and responsibilities.
- Identify OSHA Standards and the UAW-GM agreements as they pertain to worker's safety.

Benefits:

- Knowledge and skills that will positively impact your job performance.
- Networking among the UAW-GM Health and Safety community.

Notes:



UAW-GM Center for Human Resources Health & Safety Course Descriptions

LAS101 Laser Safety Awareness (T3) - CTIS #39533

Description:

This Laser Safety Awareness program is designed to provide participants the knowledge and skills necessary to teach At Risk Workers (Laser Personnel) and Affected Workers (Incidental Personnel) about the potential hazards and the control measures for laser equipment.

Audience:

This course is intended for trainers that will be actively involved in Laser Safety.

Prerequisites:

- Lockout Energy Control – CTIS #8607

Duration:

- 8 Hours

Objectives:

- Give a history of lasers and provide a simple explanation of how lasers work
- Explain the types of lasers, classification of lasers and laser systems
- Provide laser safety program and regulatory information
- Provide laser beam and non-beam hazards
- Control measures, labeling and appropriate safe use, inspection and maintenance of PPE
- Provide information on GM Laser Safety Program.

Benefits:

- Create a safe environment along with an detailed understanding of how the laser process, lasers, and laser systems should be utilized in a safe and effective manner
- How to set up a local committee to oversee the process
- Work with a interlocked system and ensure safety measures are in place
- Understand the operation, maintenance and service instructions for specific laser or laser systems

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

LAS101 Laser Safety Awareness (At Risk Worker) - CTIS #45886

Description:

This Laser Safety Awareness program for (At Risk Workers) laser personnel was developed to ensure employees are knowledgeable of the potential hazards and the control measures for laser equipment during servicing or maintenance.

Audience:

This course is intended for employees who routinely work in laser environments. These employees typically perform service or maintenance activities on lasers or laser systems.

Prerequisites:

- UAW-GM Lockout Safety - #8607

Duration:

- 3 Hours

Objectives:

- Give a history of lasers and provide a simple explanation of how lasers work
- Explain the types of lasers, classification of lasers and laser systems
- Provide laser safety program and regulatory information
- Provide laser beam and non-beam hazards
- Control measures, labeling and appropriate safe use, inspection and maintenance of PPE
- Provide information on GM Laser Safety Program.

Benefits:

- Create a safe environment along with an understanding of how the laser process, lasers, and laser systems should be utilized in a safe and effective manner.

Notes:

- The above duration does not include the time needed for required technical training for specific laser or laser systems.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

LAS101 Laser Safety Awareness (Affected Worker) - CTIS #39495

Description:

This general Laser Safety Awareness program for (Affected Workers) was developed to ensure employees are knowledgeable of the potential hazards and the control measures for laser equipment.

Audience:

This course is intended for employees whose work activities make it possible, but unlikely that they will be exposed to laser energy sufficient to damage their eyes or skin. These employees do not perform service or maintenance activities on lasers or laser systems i.e., production, environmental, security and medical employees.

Prerequisites:

- None

Duration:

- 3 Hours

Objectives:

- Give a history of lasers and provide a simple explanation of how lasers work
- Explain the types of lasers, classification of lasers and laser systems
- Provide laser safety program and regulatory information
- Provide laser beam and non-beam hazards
- Control measures, labeling and appropriate safe use, inspection and maintenance of PPE
- Provide information on GM Laser Safety Program.

Benefits:

- Create a safe environment along with an understanding of how the laser process, lasers, and laser systems should be utilized in a safe and effective manner.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

LEC101 Lockout Energy Control (T3) - CTIS #2215

Description:

This course is designed to enable participants to identify and eliminate or control energy related hazards using Posted Placards and Safe Operating Procedures. It also includes the identification of lockout devices, electrical energy, hydraulic energy, pneumatic energy, special and multiple energy sources. In addition, the course exposes students to energy control using the Captive Key System as well as SCS Safety Control Systems/Monitored Powered Systems.

Audience:

Trainers that will be actively involved in Lockout Energy Control training at your facility.

Prerequisites:

- UAW-GM Lockout Safety - #8607

Duration:

- 20 Hours

Objectives:

- Identify & control a variety of energy sources and identify energy related hazards.
- Control energy related hazards using a posted placard.
- Lockout a manufacturing system using a Captive Key system/safety control systems/ Monitored Power Systems
- Reference OSHA related standards.
- Identify when a safe operating procedure should be used.
- Recognize energy related hazards by using a systematic process.
- Identify gravity related hazards.
- Properly use shut-down and start-up procedures.

Benefits:

- Trainers will be prepared to instruct Lockout Training as well as monitor Lockout procedures.
- Extensive hands-on exercises that emulate the plant environment.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

LEC101 Lockout Safety (At Risk Worker) - CTIS #8607

Description:

AT-RISK-WORKER - This course is designed to enable participants to identify and eliminate or control energy related hazards using Posted Placards and Safe Operating Procedures. It also includes the identification of lockout devices, electrical energy, hydraulic energy, pneumatic energy, special non-energy and multiple energy sources. The course also exposes students to Energy Control using the Captive Key System/Safety Control Systems (SCS) as well as Monitored Power Systems. Participants will also perform extensive hands-on exercises that emulate the site environment.

Audience:

Employees that will be actively involved in the Lockout Energy Control process at your facility.

Prerequisites:

- None

Duration:

- 10 Hours

Objectives:

- Identify & control a variety of energy sources and identify energy related hazards.
- Control energy related hazards using a posted placard.
- Lockout a manufacturing system using a Captive Key system/Safety Control System/Monitor Power System.
- Reference OSHA related standards.
- Identify when a safe operating procedure should be used.
- Recognize energy related hazards using a systematic process.
- Identify gravity related hazards.
- Properly use shut-down and start-up procedures.

Benefits:

- Participants will be performing lockout according to the UAW-GM- Lockout Energy Control Program Implementation Guidelines.
- Upon successful completion, participants will be issued personal safety locks.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

MCS101 Mobile Crane Safety (T3) - CTIS #2216

Description:

This course is designed to provide participants with the necessary skills and knowledge to train others in the safe operation of Mobile Cranes. The participants will be required to perform hazard analysis and pre-operation inspections. They will demonstrate proficiency at calculating load weight, utilizing load capacity charts, and safe operation of the mobile crane.

Audience:

This course is intended for those trainers that *will be actively* involved in Mobile Crane Safety training at your facility.

Prerequisites:

- UAW-GM Rigging Safety Training (RST101) - #2219 or #8603
- UAW-GM Mobile Crane Safety - #8606
- Valid Mobile Crane operator's permit.
- Medically qualified based on appropriate physical evaluation/exam.

Duration:

- 28 Hours

Objectives:

- Describe various types of mobile cranes, safety requirements, and pre-operation inspection.
- Explain the proper use of load charts and calculation of load weight, hazard analysis, and safe operation of a mobile crane.

Benefits:

- Prepares mobile crane operators, riggers, signal persons and their supervisors, to safely conduct mobile crane operations.
- Provide the participant with the knowledge and skills to train others in the safe operation of mobile cranes.

Notes:

- Participants must present a valid operator's permit, otherwise will be denied entry into this course.
- Participants should possess the skill necessary to complete complex moves, including but not limited to: pick and carry on deck, blind moves, pick and place from on-deck to a blind spot and multiple equipment moves.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

MCS101 Mobile Crane Safety (At Risk Worker) - CTIS #8606

Description:

AT RISK WORKER - This course is designed to provide participants with the necessary skills and knowledge in the safe operation of Mobile Cranes. The participants will be required to perform hazard analysis and pre-operation inspections. They will demonstrate proficiency at calculating load weight, utilizing load capacity charts, and safe operation of the mobile crane.

Audience:

UAW-GM plant employees who operate mobile cranes.

Prerequisites:

- UAW-GM Rigging Safety Training - RST101 (T3) – CTIS #2219 or (At Risk Worker) CTIS #8603
- Medically qualified based on appropriate physical evaluation/exam.

Duration:

- 16 Hours

Objectives:

- Describe various types of mobile cranes, safety requirements, and pre-operation inspection.
- Explain the proper use of load charts and calculation of load weight, hazard analysis, and safe operation of a mobile crane.

Benefits:

- Prepares mobile crane operators, riggers, signal persons and their supervisors, to safely conduct mobile crane operations.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

MCS101 Mobile Crane Safety Refresher and Evaluation (At Risk Worker) - CTIS #34042

Description:

AT RISK WORKER - This course is designed to provide refresher training to previously trained mobile crane personnel. It shall be conducted every three years. Participants will utilize the UAW-GM Mobile Crane Safety Refresher Training DVD (MC201DV) to accomplish this training.

Audience:

This course is intended as reauthorization training for those individuals that have successfully completed MSC101 Mobile Crane Safety (At Risk Worker) – CTIS #8606.

Prerequisites:

- UAW-GM Rigging Safety Training - RST101 (T3) – CTIS #2219 or (At Risk Worker) CTIS #8603
- Medically qualified based on appropriate physical evaluation/exam.

Duration:

- 6 Hours

Objectives:

- Successful completion of this course will help with ongoing commitment to a safer workplace by ensuring that only properly trained individuals are performing rigging tasks.

Benefits:

- Prepares mobile crane operators, riggers, signal persons and their supervisors, to safely conduct mobile crane operations.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

OSHA 10-Hour - CTIS #58033

Description:

The OSHA 10-Hour course provides basic awareness training on the recognition, avoidance, abatement, and prevention of workplace hazards. The course provides information regarding workers' rights, employer responsibilities, and filing a complaint. Students will be able to explain the importance of OSHA in providing a safe and helpful workplace to workers covered by OSHA.

Audience:

This course is intended for anyone who works in a UAW-GM environment.

Prerequisites:

- None

Duration:

- 12 hours

Objectives:

- Explain why OSHA is important to workers.
- Explain workers' rights under OSHA.
- Discuss the use of OSHA standards.
- Explain how OSHA inspections are conducted.

Benefits:

- Learn hazard identification skills and how to prioritize hazards.
- Know important control methods and when to use them.
- Conduct effective health and safety inspections at your plant.

Notes:



UAW-GM Center for Human Resources Health & Safety Course Descriptions

OSHA 30-Hour - CTIS #58034

Description:

The 30-Hour covers OSHA standards, policies, and procedures in general industry. Topics include scope and application of the OSHA General Industry Standards, general industry principles and special emphasis on those areas in general industry which are most hazardous.

Audience:

This course is intended for plant personnel who will be involved in the implementation of OSHA standards, policies, and procedures.

Prerequisites:

-

Duration:

- 36 hours

Objectives:

- The 30-hour training program is intended to provide workers with some safety responsibility a greater depth and variety of training. Training is intended to cover an overview of the hazards a worker may encounter. Training emphasizes hazard identification, avoidance, control and prevention.

Benefits:

- Upon course completion students will have the ability to define general industry terms found in the OSHA General Industry Standards, identify hazards which occur in general industry, locate and determine appropriate OSHA General Industry Standards, policies and procedures and describe the use of OSHA General Industry Standards and Regulations to supplement an ongoing safety and health program.
- Promotes safety culture through peer training.
- Tailor the training topics based upon specific needs of the site operations.
- Training content includes hazard recognition and avoidance, worker's rights, employer responsibilities, and how to file a complaint; it emphasizes the value of safety and health to all workers..

Notes:



UAW-GM Center for Human Resources Health & Safety Course Descriptions

RST101 Rigging Safety Training (T3) - CTIS #2219

Description:

This interactive, computer-based training course is designed to equip participants with the knowledge and skills to recognize potential hazards associated with rigging operations. It describes the methods and equipment that must be utilized when performing rigging operations to enable employees to work safely while rigging materials are hoisted and moved. Students will use hands-on activities which allow them to apply skills and knowledge received.

Audience:

This course is intended for those trainers that will be actively involved in Rigging Safety training at your facility.

Prerequisites:

- UAW-GM Rigging Safety Training RST101 - CTIS #8603 - At-Risk- Worker
- UAW-GM Lockout Energy Control LEC101 – CTIS #2215 – T3, #8607 – At-Risk- Worker

Duration:

- 28 Hours

Objectives:

- Participant will be able to perform hazard analysis.
- Calculate the weight various load weights, identify and select different types of rigging equipment.
- Attach and adjust rigging equipment to secure the load and perform the move.
- Perform visual inspection of all their rigging equipment.

Benefits:

- Provide essential safety instruction to UAW represented GM workers and supervisors who plan and perform rigging operations.
- Trainers are authorized to train Rigging Safety training

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

RST101 Rigging Safety Training (At Risk Worker) - CTIS #8603

Description:

This interactive, computer-based training course is designed to equip participants with the knowledge and skills to recognize potential hazards associated with rigging operations. It describes the methods and equipment that must be utilized when performing rigging operations to enable employees to work safely while rigging materials are hoisted and moved. Students will use hands-on activities which allow them to apply skills and knowledge received.

Audience:

This course is intended for all workers, hourly and salaried, who are involved with, handle or maintain rigging equipment at your facility.

Prerequisite:

- UAW-GM Lockout Energy Control – LEC101 – CTIS #8607 (At Risk Worker)

Duration:

- 16 Hours

Objectives:

- Participant will be able to perform hazard analysis.
- Calculate the weight various load weights, identify and select different types of rigging equipment.
- Perform visual inspection of all their rigging equipment.
- Attach and adjust rigging equipment to secure the load and perform the move.

Benefits:

- Provide essential safety instruction to UAW represented GM workers and supervisors who plan and perform rigging operations.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

RST101 Rigging Safety Refresher Training - CTIS #35981

Description:

This course is designed to provide refresher training to previously trained rigging personnel. It shall be conducted every three years. Participants will utilize the UAW-GM Rigging Refresher Training DVD (R1102DV) to accomplish this training.

Audience:

This course is intended as reauthorization training for those individuals that have successfully completed RST101 Rigging Training (At Risk Worker) – CTIS #8603.

Prerequisite:

- Rigging Safety Training (T3) – RST101 – CTIS #2219 or (At Risk Worker) – CTIS# 8603
- Medically qualified based on the appropriate physical examination.

Duration:

- 6 Hours

Objectives:

- Successful completion of this course will help with ongoing commitment to a safer workplace by ensuring that only properly trained individuals are performing rigging tasks.

Benefits:

- This reauthorization training will provide the rigger with the opportunity to refresh skills that are not used every day and possibly introduce any changes to the rigging safety program at your facility.

Notes:

- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

RBS101 Robotics Safety (T3) - CTIS #2220

Description:

This course teaches participants about the robot system, the potential hazards in the robotic environment and safeguard system planning. This computer-based course is highly interactive containing a combination of lecture materials, videos, simulations, and exercises to keep participants involved. In addition, this course consists of short lectures, discussions, case studies, and hands-on exercises that emulate the site environment.

Audience:

This course is intended for those trainers that will be actively involved in Robotic Safety Training at your facility.

Prerequisites:

- UAW-GM Lockout Energy Control - LEC101 (#2215) or (#8607)
- UAW-GM Robotic Safety (#8604)

Duration:

- 12 hours

Objectives:

- Identify the components of a robot as well as a robotic system.
- Understand the differences between conventional machinery and robots and why robots have inherent dangers.
- Identify energy sources within a robotic system and the various types of safeguarding devices used to protect employees.
- Recognize potential hazards and their sources of a robotic system.

Benefits:

- Knowing the basic safety procedures as well as those special safety procedures necessary when entering a robot's work envelope, either to "teach" or to perform maintenance and repairs.
- Trainers will also be authorized to teach Robotics Safety.

Notes:

- This hands-on training course curriculum requires participants to demonstrate the skills necessary to perform lockout according to the UAW-GM Lockout Energy Control Program on a robotic system, identify the work envelope/space, and (utilizing a teach pendant) safely operate a robot.
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

RBS101 Robotics Safety (At Risk Worker) - CTIS #8604

Description:

AT RISK WORKER -This course teaches participants about the robot system, the potential hazards in the robotic environment and safeguard system planning. This computer-based course is highly interactive containing a combination of lecture materials, videos, simulations, and exercises to keep participants involved. In addition, this course consists of short lectures, discussions, case studies, and hands-on exercises that emulate the site environment.

Audience:

This course is intended for those employees who work with industrial robotics at your facility.

Prerequisites:

- UAW-GM Lockout Energy Control - LEC101 (T3) – CTIS #2215 or (At Risk Worker) CTIS #8607

Duration:

- 8 hours

Objectives:

- Identify the components of a robot as well as a robotic system.
- Understand the differences between conventional machinery and robots and why robots have inherent dangers.
- Identify energy sources within a robotic system and the various types of safeguarding devices used to protect employees.
- Recognize potential hazards and their sources of a robotic system.

Benefits:

- Knowing the basic safety procedures as well as those special safety procedures necessary when entering a robot's work envelope, either to "teach" or to perform maintenance and repairs.

Notes:

- This hands-on training course curriculum requires participants to demonstrate the skills necessary to perform lockout according to the UAW-GM Lockout Energy Control Program on a robotic system, identify the work envelope/space, and (utilizing a teach pendant) safely operate a robot (where applicable).
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.



UAW-GM Center for Human Resources Health & Safety Course Descriptions

SDH101 Safe Die Handling for Stamping Production Operations (T3) CTIS #48800

Description:

This training course is designed to provide participants the knowledge and skills necessary in recognizing potential hazards associated with die movement and die handling.

Audience:

This course is intended for production workers and their supervisors in a UAW-GM facility who perform die handling operations.

Prerequisites:

- None

Duration:

- 20 Hours

Objectives:

- Implement safe practices during a routine die handling operation.
- Participants will also be able to teach Safe Die Handling for Stamping Production Operations in their facility.
- Understand employee's roles and responsibilities during a routine die handling operation.
- Plan the move and lift the load.
- Position the die for installation on a bolster.
- Attach the die to the bolster.
- Move the die from a bolster to storage location.
- Place the die in storage.

Benefits:

- Designated employees who handle die operations are trained to the levels necessary to safely handle dies and associated equipment.
- Trainers will also be authorized to teach Safe Die Handling for Stamping Production Operations.

Notes:

- Effective July 9, 2015, all production workers are now required to attend this course. In addition, all new employees entering these jobs will be required to fulfill "On-the Job Training" (OJT).
- Sections of class time are in the CHR high bay area, proper PPE is required; safety glasses, substantial footwear, and **NO** shorts.