



FREE training in Supply Chain Technologies

for business and industry in southeast Michigan.

Boost productivity. Boost your bottom line.

More than \$700,000 in free training funds is available for classes in transportation, distribution and logistics.

100% GRANT FUNDED.
NO MATCH REQUIRED.

See complete class list on reverse side.

Training available in radio frequency identification, import/export, warehousing and distribution, and border security issues.



Set up an appointment to discuss your needs.

Contact Al Dunsmore at (810) 989-5741 or adunsmore@sc4.edu.

SC4 Workforce Training Institute

323 Erie St., Port Huron, MI 48060
www.sc4.edu/transportation



Set up an appointment to discuss your needs.

Contact Charles Lafayette at (810) 232-4463 or charles.lafayette@mcc.edu.

MCC Corporate Services

1401 E. Court St., Flint, MI 48050
www.conted.mcc.edu



In partnership with



Henry Ford Community College, Macomb Community College, Monroe County Community College, Mott Community College, Oakland Community College, St. Clair County Community College, Schoolcraft College, Washtenaw Community College and Wayne County Community College

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St. Clair County Community College

Mott Community College

FREE TRAINING (continued)

ZCTR-065 – 24 hours

Hazardous Materials Operations for the Transportation, Distribution & Logistics Industry

This class is designed for employees responsible for or associated with the safe transport of hazardous substances. Emergency response for the purpose of protecting nearby persons, property, and/or the environment from a hazardous spill will be addressed, as well as training related to chemical properties, equipment, protective gear, and incident command.

ZCTR-198 – 15 hours

Introduction to Basic Calculating Skills Used in Technology

This class provides an introduction to the terminology and calculating skills used in engineering technology. The purpose is to introduce employees to practical technical problem solving techniques by having them learn key terminology and apply it to typical examples that they may encounter in a technical career. This class is intended to refresh skills that individuals have not used in years or never really understood in the past.

ZCTR-199 – 15 hours

Introduction to Electrical/Electronic Concepts & Measurement Devices

Technology today requires a basic knowledge of electrical systems and measurement systems. This short introductory training seminar is intended for those with little or no knowledge. The purpose is to give a conceptual basis overview of electricity and electronics, and how it is used in technology applications. Training will include: an introduction to the instrumentation used for measuring electrical signals and power, as well as safe and proper usage of DMM and oscilloscope equipment used to measure digital and analog applications. Participants will learn how to interpret measurements with regard to specific engineering technology applications as emphasized through various laboratory and real world exercises.

ZCTR-200 – 15 hours

Introduction to Radio Frequency Identification (RFID)

The use of radio frequency identification tags is common in major corporations throughout the world. The major reasons for adopting this technology will be covered by looking at use cases in the pharmaceutical, retail, manufacturing and health care supply chain and security industries. This training will look at how RFID works technically, and how a company can find sound business reasons to adopt this technology.

ZCTR-201 – 3 hours

Radio Frequency Identification: A Better Way of Doing Things

This class provides a look at the many ways RFID can be used in a business. Participants will receive a basic understanding of the RFID concept of operation and the equipment needed to implement an Auto-ID system. They will also learn how to operate RF antennas, readers and tags.

ZCTR-202 – 8 hours

RFID: Developing a Return on Investment (ROI) Plan for Your Business

This class will help employers pinpoint key expense areas related to their business, including: cost of supplies, loss of time due to material location issues, unnecessary purchasing, errors in inventory, and/or other controllable cost areas. Participants will determine which expense areas, with the incorporation of radio frequency identification technology, will save the most money for their business; thereby, producing the best results for ROI.

ZCTR-203 – 3 hours

Supply Chain Management Using RFID

Several use cases will be illustrated in this class to develop knowledge of how products are tracked at various stages, from production source to product destination, of the supply chain. Discussion of the overall RFID system and its use to reduce product losses and to increase customer satisfaction will be emphasized.

ZCTR-204 – 3 hours

Understanding UPC Bar Codes and RFID Tags

Hands-on classroom and laboratory instruction in the use of bar codes and RFID tags will be presented. Participants will develop an understanding of the advantages and disadvantages of each using the latest technology.

ZCTR-205 – 3 hours

Defense Packaging and RFID Requirements

This class will give you an introductory look into the world of military packaging. It will address some of the basic packaging specifications that Department of Defense (DoD) has put together in order to ensure that our war fighters receive products to effectively support their efforts. From the basic methods of preservation, to marking and RFID, you will learn what must be done to ensure that the proper packaging requirements are understood and adhered to. This training will allow you to have the confidence you will need to comply with packaging requirements for the defense industry.

ZCTR-210 – 20 hours

MSSC Certified Logistics (CLA/CLT)

Gain the Manufacturing Skills Standards Certification that is based upon industry-defined, nationally validated standards for shipping and receiving. Individuals will be assessed for two credentials: the foundational-level Certified Logistics Associate (CLA) certificate and mid-level Certified Logistics Technician (CLT) certification. CLA is a prerequisite for the CLT certification. These credentials address the core competencies of higher skilled, front-line material handling workers (entry-level to first line of supervision) across the supply chain from factories, to warehouses, distribution centers and transporters.

ZCTR-220 – 4 hours

Shipping and Receiving - Processes and Documentation

This class targets newcomers to the TDL industry and introduces them to planning and processes in the basic terminology and guidelines related to the shipping and receiving of goods. Training will include: terminology of the industry; process flow, planning and mapping of transactions; purchase order and supplier guidelines; and contract of sale guidelines.

ZCTR-221 – 15 hours

Introduction to Imports and Exports

This class covers all aspects of international trade operations from both an importing and exporting perspective. Operations are traced from purchase order issuance to delivery of cargo to the overseas buyer. The processes of the freight forwarder, customs broker, international carrier and other international operation service providers will be explained and practically illustrated.

ZCTR-222 – 3 hours

Border Security Issues

A basic introduction of border security and its importance at United States and Canadian border locations will be discussed, as well as issues and challenges. High versus low risk of passage will be identified, the efficient and safe movement of goods addressed, and the use of RFID to facilitate passage discussed.

ZCTR-223 – 4 hours

Tariff Classification, Value and NAFTA

This class is designed to provide employees with a working knowledge of the major customs activities involved with international trade. Recognize the importance of customs classification, value and NAFTA to accurately determine and report them. Understand regulatory oversight by federal agencies and how it affects international movement of freight. Develop effective processes to comply with international trade laws. Ensure your international shipments comply both in substance and through documentation.

ZCTR-230 – 4 hours

Warehouse Operations: Preparing for Dispatch and Tracking Operations

The process of staging, verifying and loading orders that are to be transported from a warehouse are central to distribution. Tools and methods used to track goods from source to destination can impact a company greatly with regard to its bottom line. Therefore, this class will provide training that insures effectiveness by addressing the following topics: tracking sales and transfer orders through a warehouse, order-in process status confirmation, tracking assignment and implementation, pick/ship tickets and staging operations.