

STATE OF OHIO APPROVED PROVIDER

Individual Microcredential *Assistance Program (IMAP)*

About the Program

Individual Microcredential Assistance Program (IMAP)

IMAP helps Ohioans participate in a training program to receive a credential at no cost. IMAP trainings providers will cover all tuition, fees, and additional costs to help Ohioans learn new skills and earn a credential that can lead to good new jobs or promotions. To learn more about the IMAP program, please visit the **State of Ohio's webpage**.

You can view a list of approved trainings at BGSU on the **State of Ohio website** (scroll down to bottom and expand "Bowling Green State University" under providers). Please note that all trainings are NOT available on demand. Different trainings will be offered at differing periods through June 30, 2026. BGSU will publish available trainings on a rolling basis. Please e-mail IMAP@BGSU.edu with your IMAP related question.

Eligibility

To be eligible for IMAP, you must be a resident of the State of Ohio.

If you are a high school student entering your junior or senior year, before registering for an IMAP training with BGSU, please check if you have access to a similar training through College Credit Plus.

Incarcerated individuals are eligible for training if they are eligible for release within the next 12 months from the day the training begins.

Employees of BGSU and/or the State of Ohio are NOT eligible for IMAP assistance.

Employees of Ohio-based businesses are encouraged to ask their employers to seek funding through the Ohio TechCred Program before seeking IMAP funding.

To enroll

1 Request
Use the link on the next page to request IMAP trainings(s)

2 Review
Trainers will review each request and conduct short telephone interview

3 Acceptance
BGSU will send confirmation of acceptance and details for access via email

4 Prepare
Learners should ensure proper access to begin trainings 1-2 weeks prior to start

Summer 2025 IMAP Trainings

This brochure details available BGSU IMAP trainings for the Summer of 2025.

Quality Production
Online • June 30–July 11

Supply Chain Management & Design
Online • July 14–25

Warehouse & Distribution Center Layout
Online • August 4–15

Request enrollment

Click here to enroll

For any comments or questions related to IMAP at BGSU, please contact **imap@bgsu.edu**.

Quality Production

June 30–July 11 • 16 hours • Online, self-paced

Learners will have an opportunity for an optional live check-in with the trainer each week.

The objective of the Quality Production module is to provide learners with a comprehensive understanding of the principles and practices that ensure high-quality production in manufacturing environments. This module focuses on the integration of quality management systems and the use of core quality tools, such as Failure Modes and Effects Analysis (FMEA), Control Plans, Measurement System Analysis (MSA), and Statistical Process Control (SPC). Participants will learn how to identify potential quality issues, implement preventive measures, and maintain continuous improvement in production processes. By the end of the module, learners will be equipped to apply these core quality tools to enhance product quality, reduce variability, and achieve consistent production outcomes.

Training Outcomes

Learners who successfully complete this training will be able to:

1. Explain the main purpose of a Failure Modes and Effects Analysis (FMEA), identify its key components (such as failure modes, effects, causes, and risk priority numbers), and describe how FMEAs are used to support the development of effective Control Plans.
2. Utilize control charts to detect process variation.
3. Describe the purpose of a Control Plan, identify its key elements (such as product characteristics, control methods, and reaction plans), and explain how Control Plans help ensure consistent quality in manufacturing or service processes.
4. Explain the purpose of Measurement Systems Analysis (MSA), how to conduct and interpret Gage Repeatability and Reproducibility (Gage R&R) results to evaluate the reliability of measurement systems.

Essential Skills

Previous industry knowledge recommended and proficiency with Microsoft Excel or another statistical software package (i.e. Minitab, JMP, etc.)

Learners must have a computer with Internet access and Microsoft Excel.



Abbreviated Syllabus

Week 1	1	Graphical Tools to Explore and Visualize Data	4 hours
	2	Variation and Trend Analysis	4 hours
Week 2	3	Process Capability Using Statistical Metrics	4 hours
	4	Measurement Systems Evaluation (Gauge RR)	4 hours

Supply Chain Management & Design

July 14–25 • 16 hours • Online, self-paced

Learners will have an opportunity for an optional live check-in with the trainer each week.

The objective of the Manufacturing Supply Chain module is to equip learners with a comprehensive understanding of the components, processes, and strategies involved in managing supply chains within a manufacturing context. This module covers topics such as supply chain design, inventory management, procurement, logistics, and demand forecasting. Participants will learn how to optimize supply chain operations to enhance efficiency, reduce costs, and respond effectively to market demands. By the end of the module, learners will be able to apply best practices and innovative solutions to ensure a seamless, resilient, and competitive supply chain in manufacturing environments.

Training Outcomes

Learners who successfully complete this training will be able to:

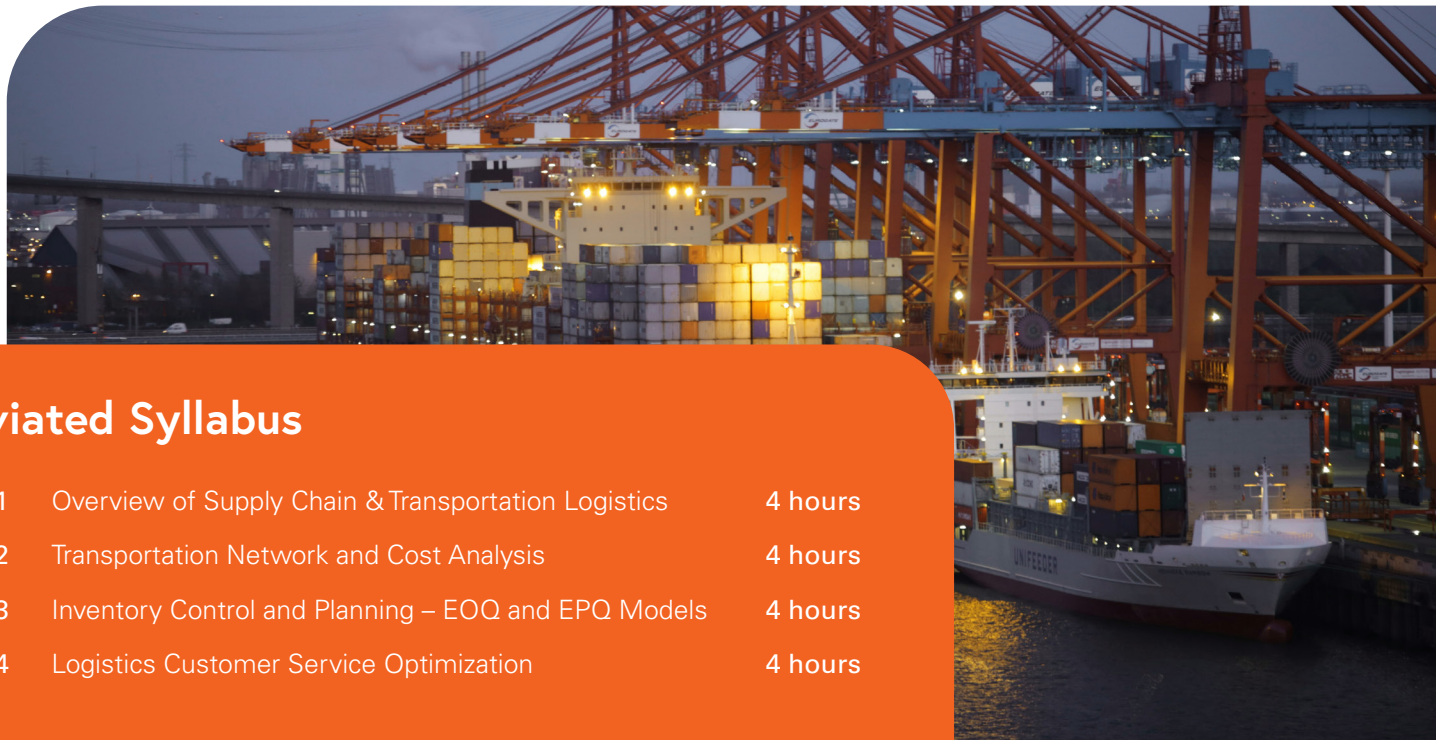
1. Understand the fundamental concepts of supply chain management and transportation logistics, including their role in manufacturing
2. Evaluate different transportation network structures and perform cost analysis to enhance efficiency and cost-effectiveness of supply chain
3. Utilize Economic Order Quantity (EOQ) and Economic Production Quantity (EPQ) models to optimize inventory planning and procurement process

Essential Skills

Learners must have a high school degree and some industry experience.

Learners must know how to do simple algebraic calculations. This training is a beginner level.

Learners must have a computer with Internet access.



Abbreviated Syllabus

Week 1	1	Overview of Supply Chain & Transportation Logistics	4 hours
	2	Transportation Network and Cost Analysis	4 hours
Week 2	3	Inventory Control and Planning – EOQ and EPQ Models	4 hours
	4	Logistics Customer Service Optimization	4 hours

Warehouse & Distribution Center Layout

August 4–15 • 16 hours • Online, self-paced

Learners will have an opportunity for an optional live check-in with the trainer each week.

The objective of the Warehouse and Distribution Center Layout module is to provide learners with the knowledge and skills needed to design efficient layouts for warehouses and distribution centers. This module focuses on the principles of space utilization, material flow, storage solutions, and operational efficiency. Participants will learn how to optimize layout designs to enhance productivity, reduce handling costs, and improve overall logistics performance. By the end of the module, learners will be able to create effective layouts that support streamlined operations, maximize storage capacity, and ensure smooth distribution processes in various industrial settings.

Training Outcomes

Learners who successfully complete this training will be able to:

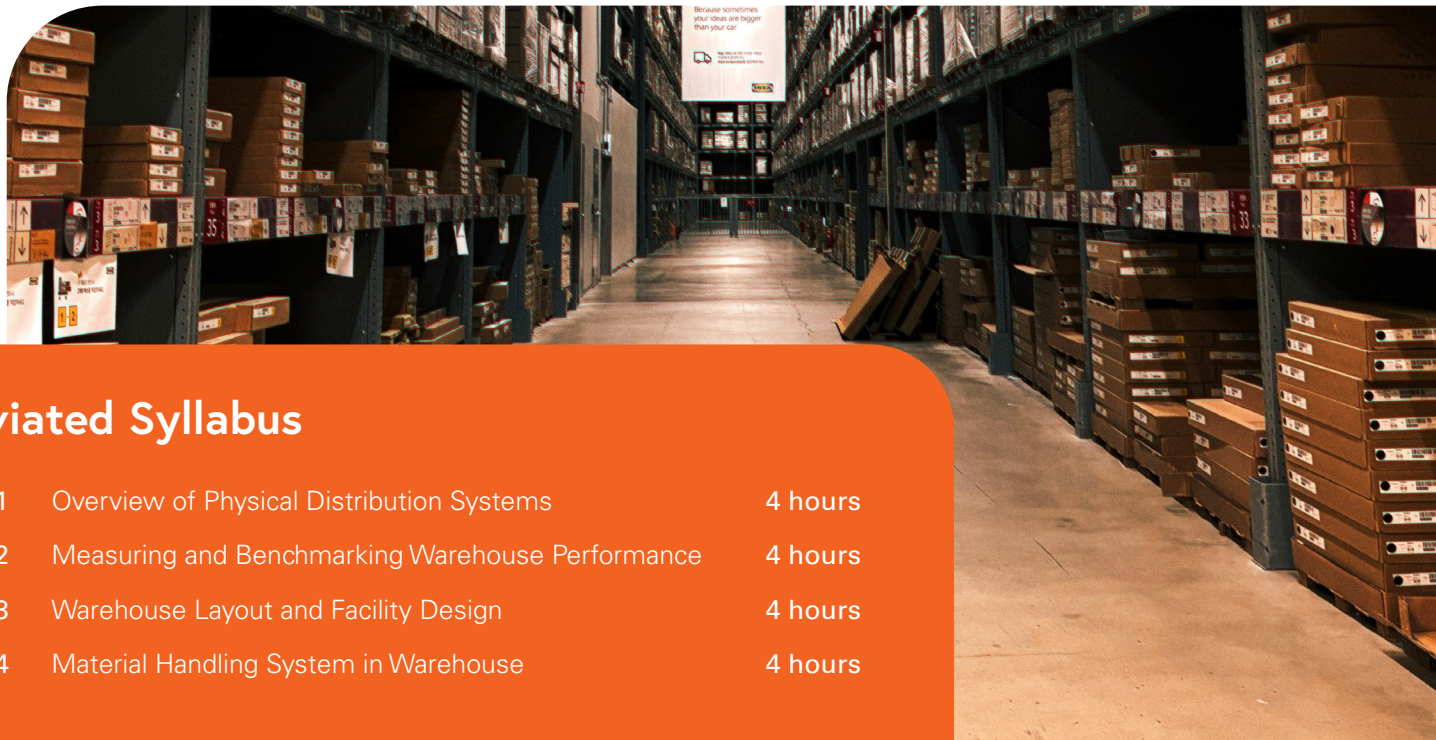
1. Identify, assess, analyze and solve problems related to logistics distribution and warehousing issues
2. Design distribution system that facilitates the efficient storage, distribution, sortation of products and processes around the global marketplace
3. Develop facility layout and material handling system for smooth operations

Essential Skills

Learners must have a high school degree and some industry experience.

Learners must know how to do simple algebraic calculations. This training is a beginner level.

Learners must have computers with Internet access.



Abbreviated Syllabus

Week 1	1	Overview of Physical Distribution Systems	4 hours
	2	Measuring and Benchmarking Warehouse Performance	4 hours
Week 2	3	Warehouse Layout and Facility Design	4 hours
	4	Material Handling System in Warehouse	4 hours


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