

REV-Up! TRAINING COURSES: Online and In-person

Instructor-Led REV-Up! TRAININGS

BLUEPRINT READING

Instructor: Paul Barrow

Learn basic elements of blueprints and how to read and interpret engineering drawings in manufacturing. No prior knowledge is assumed.

THREE SESSIONS: [Tuesdays, 11/2, 11/9 & 11/16](#)

8:30 am–12:00 pm

In Person, 222 Pitkin Street, East Hartford

OSHA GENERAL INDUSTRY TRAINING

Instructor: John Able, CSP Occupational Safety Training Specialist CONN-OSHA

Attend all 3 sessions to complete the program and receive your OSHA certified card.

THREE SESSIONS: Wednesdays 11/3, 11/10, 11/17

8:30 am–12:00 pm

In Person, 222 Pitkin Street, East Hartford

[Register Here](#)

SHOP MATH FUNDAMENTALS (Online or In-Person)

Instructor: Paul Barrow

For those currently working in manufacturing or considering employment to build their applied math skills for their daily work. Topics are specifically designed and targeted for shop floor personnel (use of fractions, decimals and measurements).

THREE SESSIONS: Thursdays 11/4, 11/11, 11/18

8:30 – 11:30 am (Online or In-Person: 222 Pitkin Street, East Hartford)

[Register Here for Online](#) participation

[Register Here for In-Person](#) participation

DIMENSIONAL METROLOGY

Instructor: John von Roemer

Become familiar with measurement basics, instruments, measurement interpretation, and tolerances. Learn the application and use of measuring instruments such as micrometers, verniers, dial indicators, gauges and visual inspection tools, and the interpretation of gathered data.

Fri. 11/5, 9:00–11:30 am

In-Person, Advanced Technology Center, East Hartford

[Register Here](#)

INTRODUCTION TO G&M CODES

Instructor: John von Roemer

An overview of G codes and M codes from a highly experienced machinist. Better understand the operating codes behind CNC machines.

Fri. 11/12, 9:00–11:30 am

In-Person, Advanced Technology Center, East Hartford

[Register Here](#)

CYBERSECURITY & ADVANCED MFG (Online)

Instructor: David Morganson

Learn tips that are not only important for your work and your job, but will also help you at any job, in any role and in your personal security as well.

Fri. 11/19 1:00–2:30 pm

Online Course

[Register Here](#)

INTRO TO LEAN MANUFACTURING (Online or In-Person)

Instructor: Paul Barrow

Overview training on Lean Manufacturing and key principles of Lean. Explore the 5S's. Real life examples will be used to enhance and enforce learning.

Tue. 12/7, 8:30 am – 12:00 pm

Attend Online or In-Person, 222 Pitkin Street, East Hartford

[Register Here for Online](#) participation

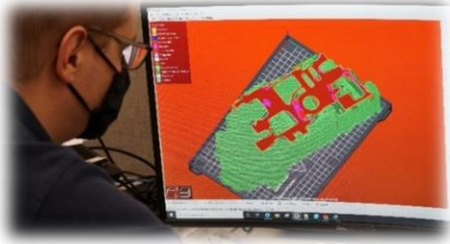
[Register Here for In-Person](#) participation

CYBERSECURITY AND COMPLIANCE AWARENESS FOR MANUFACTURING EMPLOYEES

Online, On-Demand

[Register Here](#)

ADVANCED TECHNOLOGY TRAINING & UPSKILLING: In-person or online



- **Automation & Robotics**
- **Additive Manufacturing**
- **Smart Technologies (IoT, Analytics, Digital Tools)**
- **Tour CCAT's Advanced Technology Center**

>> **Learn more & Register:** ccat.us/workshops



ONLINE TRAININGS WITH 180 SKILLS – CCAT will register for you!

**** Hurry! Take advantage of these free online classes by November 15! ****

Your employees can learn essential technical and professional skills online on your schedule. Select from a library of over 700 online competency-based courses or [download the learning pathways catalog](#) to view choices. Contact us to enroll and help build your employee's skills.

Choose from the following topics and learning pathways developed by Connecticut's manufacturing community or work with us to customize your own. Communicate with Eileen to register.

HEALTH & SAFETY

Introduction to OSHA	SAF-1001
Making Work a Safer Place	SAF-1002
Help! What to Do in an Emergency	SAF-1003
Personal Protective Equipment	SAF-1004
Eye and Face Protection	SAF-1005
Work Area Safety	SAF-1016
Hazardous Materials	SAF-1012
Lockout/Tagout	SAF-1021
Fire Extinguishers	SAF-1023

LEAN MANUFACTURING

Lean Principles	LEA-1001
The History of Lean Manufacturing	LEA-1002
Workplace Organization	LEA-1003
S1: Sort	LEA-1004
S2: Straighten	LEA-1005
S3: Shine.	LEA-1006
S4: Standardize	LEA-1007
S5: Sustain	LEA-1008
Safety Quality and the Environment in Mfg.	MFG-1005

MEASUREMENT & INSPECTION

Introduction to Precision Instruments	MEA-2001
Rules	MEA-2002
Calipers	MEA-2003
Micrometers	MEA-2003
Test Indicators	MEA-2010
Surface Plate	MEA-2017

Basic Machining Skills

Introduction to Machining	MAC-1001
Introduction to Milling and Drilling	MAC-1002
Introduction to Turning and Boring	MAC-1003
Introduction to Grinding	MAC-1004

LOGISTICS	Introduction to Logistics	LOG-1001
	Logistics Technology	LOG-1002
	Inventory	LOG-1003
	Distribution and Transportation	LOG-1004
	Safety, Quality and the Environment in Logistics	LOG-1005
	Winning in Logistics	LOG-1006
PRINT READING	Introduction to Blueprints	DWG-1001
	Engineering Drawing Terminology	DWG-1002
	Engineering Drawing Views	DWG-1003
	Engineering Drawing Lines	DWG-1004
	Dimensions and Tolerances	DWG-1005
	Threads and Fasteners	DWG-2003
CUSTOMER SERVICE FOR MANUFACTURING	Focusing on Your Customers	CUS-1001
	Providing Friendly, Courteous, and Efficient Service	CUS-1002
	Communicating Effectively with Customers	CUS-1003
	Identifying and Meeting Customer Needs	CUS-1004
	Building Customer Relationships	CUS-1005
	Advanced Customer Service	
	Respecting Diversity in Your Customers	CUS-1006
	Better Serving Customers with Disabilities	CUS-1007
	Dealing with Difficult Customers	CUS-1008
	Responding to Customer Complaints	CUS-1009
Managing Conflict with Internal Customers	CUS-1010	

Learning pathways were organized to help Connecticut employers create, grow, and retain their workforce.

Additional Online 180 SKILLS Courses

There are hundreds more to choose from. Contact us to choose from the above or [download the learning pathways catalog](#) to select courses that would work best for your employees. Communicate with Eileen for questions and to register.

A SAMPLE OF BASIC SKILLS COURSES

- Manufacturing & Basic Life Skills
- Project Management
- Diversity Equity and Inclusion
- Communicating with Others
- Working as a Team
- Intro to Microsoft Office
- Personal Finances
- Basic Math Skills

SOME INTERMEDIATE & ADVANCED SKILLS COURSES

- Six Sigma
- Quality Management
- CNC Machining - Turning
- CNC Machining - Milling
- Geometric Dimensioning & Tolerancing
- Maintenance Electrical
- Maintenance Hydraulics
- Maintenance Pneumatics
- Maintenance PLC
- Automation
- Statistical Process Control
- Robotics

Course listings as of 11/03/2021