HELPING STUDENTS, JOB SEEKERS, AND WORKERS BUILD MEANINGFUL CAREERS
AGENDA

Housekeeping

Introduction

Who is 180 Skills

What is Connecticut - 180 Skills

The 180 Skills Library

How to launch a skills training system

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WHO IS 180 SKILLS?
Since 2009, 180 Skills has been working with companies and educators to create the world’s largest library of skills training courses for the manufacturing and logistics sector.

We have also created over 150 employability skills courses that apply to all jobs in every sector.
Short-term, manufacturing skills training that aligns with open positions, decreases onboarding expenses, and reduces turnover.

**Employers**
Short-term, manufacturing skills training that aligns with the needs of employers in your region.

**Workforce**
WIOA-aligned, short-term, manufacturing skills training that aligns with the needs of employers in your region.

Educators
Non-credit and credit, short-term, manufacturing skills training that links directly to local employment needs.

AND WE SERVE THEM ALL.
180 Skills is accredited as an occupation and career school in Indiana.

Working with schools and companies, we have enrolled over 210,000 students.
Our skills course library was created with our industry and academic partners.
Founded in 2012, The National Aviation Consortium was formed to launch this aviation best-practice educational programs nationwide.
WHAT IS CONNECTICUT -180 SKILLS?
The governor is making this available to help Connecticut residents and employers recover and grow.

Course licenses are free to help:
- People on unemployment
- Incumbent workers
- The Connecticut Workforce System
WHAT CONNECTICUT EMPLOYERS GET WITH 180 SKILLS

HOSTED ON THE 180 SKILLS LMS

ACCESS TO THE 180 SKILLS LIBRARY
- 700+ skills courses
- Connecticut Manufacturer’s Learning Pathways
- Employability skills
- Technical skills
- Career programs

LEARNING MANAGEMENT SYSTEM
- Private team space on our LMS
- Course creation tools
- Student progress reports
- User management tools

TRAINING
- Training on content organization
- Training on the LMS
WE LOWER THE COST OF A HIRE AND IMPROVE RETENTION

WE REDUCE OPERATING EXPENSES

QUALITY SYSTEM ALIGNMENT

24/7 TRAINING

EMPLOYERS

OUR IMPACT

Why manufacturers use 180 Skills to improve their organizations.
CREATE
Create your own skilled employees

GROW
Grow your incumbent workforce

RETAIN
Retain your skilled workers

SOLVE YOUR BIGGEST PROBLEM FIRST
ONCE YOU CREATE THEM GROW THEM
GIVE THEM A REASON TO STAY
DID YOU KNOW?

Most manufacturers are unaware of how their competition is attracting and retaining skilled labor.

Skills development is the number one factor for improving employee retention.

Employees want to learn, and they prefer to learn at their own pace.

- 90% of companies offer digital learning today.
- 94% of employees would stay at a company if it invested in their career development.
- 56% of employees want their bosses to ask them to learn.
- 58% of employees prefer to learn at their own pace.
ACCESS TO THE 180 SKILLS COURSE LIBRARY
A SIMPLE SOLUTION FOR SKILLS TRAINING

BEGINNER                    INTERMEDIATE                                   ADVANCED

EASILY
ORGANIZED

TO ACHIEVE ANY SKILLS TRAINING OUTCOME

AWARD-WINNING LIBRARY
OF OVER 700
SKILLS COURSES

EASILY
ORGANIZED

TO ACHIEVE ANY SKILLS TRAINING OUTCOME
ALL OF OUR COURSES ARE SINGLE MODULES OF LEARNING
ALL THE TOOLS YOU NEED TO TRAIN A MANUFACTURING WORKFORCE

Each skills course has five components:

- Skills Courses
- Assessments
- Student Study Guides
- Instructor Training Plans
- Certification Testing
WE ENSURE THE STUDENT ACHIEVES MASTERY

70% IS NOT OK

- We require students to get a 100% passmark on all course assessments
- No pressure to get the work done in a predetermined amount of time
- Students love having the time to learn and get to 100% mastery
- Assessment questions are drawn from a larger pool of questions
- Questions and answer choices are randomized
- Unlimited attempts to achieve mastery
STUDENT STUDY GUIDES

Student study guides are PDF documents that are designed to help the student study for the post-course assessment tests.

Study guides are also provided for certification exam preparation.

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Calipers are measurement tools that are designed to measure distance, length, and depth. They are used in many professions, including manufacturing, woodworking, and health care. In this module, you will gain the mastery required to accurately measure with calipers.

In this module, the student learned how to:
- Identify all of the parts of a caliper
- Describe how the parts work together to measure
- Interpret the graduation scales on the caliper
- Zero set your caliper
- Use the caliper to measure a length and depth
- Properly care for your caliper

Before the class with the student, do the following:
- Gather examples of dial calipers and digital calipers.
- Gather five objects that can be measured with a caliper.
- Measure the objects and record the measurements in the following table:

<table>
<thead>
<tr>
<th>Object</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>External width measurement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Internal width measurement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth measurement</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**HANDS-ON WORK INSTRUCTIONS**

Hands-on work instructions are designed to enable customers to provide hands-on training. Each hands-on work instruction includes:

- Course description
- Course objectives
- Hands-on training preparation instructions
- Hands-on training activity
AWARD WINNING LIBRARY

- Health & Safety
- Quality & Continuous Improvement
- Technical Skills
- Employability Skills

Skills Levels:
- Beginner
- Intermediate
- Advanced
Employability competencies cover a broad range of important, non-technical skills that are listed by employers as essential to job performance.

**EMPLOYABILITY SKILLS COURSES**

12 COMPETENCY GROUPS
118 SKILLS COURSES
Employability competencies cover a broad range of important, non-technical skills that are listed by employers as essential to job performance.

12 COMPETENCY GROUPS
118 SKILLS COURSES
HEALTH & SAFETY SKILLS COURSES

Health & safety competencies include the basic OSHA skills required for employees in an industrial environment.

8 COMPETENCY GROUPS
33 SKILLS COURSES

QUALITY & CONTINUOUS IMPROVEMENT SKILLS COURSES

Continuous improvement competencies are aligned with the global quality management standards of ISO-9001, TS-16949 and Six Sigma.

9 COMPETENCY GROUPS
60 SKILLS COURSES
Technical competencies are aligned with industry-defined standards for the mastery required to perform technical job functions.

21 COMPETENCY GROUPS
492 SKILLS COURSES
HOW WE GET LEARNERS TO MASTERY

GREAT CONTENT MATTERS
Getting a student to mastery starts with thoughtful, well-designed courses that engage the learner.

- **GREAT AUTHORS**
  - BAD AUTHORS

- **GREAT MOVIES**
  - BAD MOVIES

- **GREAT TEACHERS**
  - BAD TEACHERS
THIS IS THE STANDARD IN THE WORLD FOR ONLINE LEARNING
(WHY LEARNERS DREAD ONLINE LEARNING)

PASSIVE AND BORING VIDEOS

LOW-QUALITY IMAGES

DEATH BY POWERPOINT

NEVER-ENDING SCROLL BARS

WORD DOCS AREN'T ONLINE LEARNING
HOW 180 SKILLS COURSES GET LEARNERS TO MASTERY
(Why learners love our courses)

Never too much reading

This is the fun space where learners interact, practice, and learn how to do stuff

Learners can listen, read, or do both

Every word on the page is narrated, and every narrated word is on the page

Highly detailed graphics that really work

No scroll bars, ever
We get the learner to want to turn the page and complete ALL OF OUR COURSES ARE BUILT THIS WAY
EMPLOYABILITY SKILLS COURSES
HOW TO USE 180 SKILLS
HOW TO USE 180 SKILLS

There are two ways to use our skills courses

1. CONNECTICUT LEARNING PATHWAYS
   30 programs defined by Connecticut manufacturing experts

2. INDIVIDUAL SKILLS
   Select only the individual skills courses that align with your unique learning outcomes.
The Connecticut Manufacturer’s Learning Pathways were organized by manufacturing professionals in the state to help people get the skills needed for employment, and to help incumbent workers grow in their present job. These programs range from entry-level to advanced skills and can be completed in five to 22 hours.
LEAN MANUFACTURING
QUALITY
CNC MACHINING TURNING
CNC MACHINING MILLING
WORKPLACE COMMUNICATIONS
BLUEPRINT READING
GEOMETRIC DIMENSIONING & TOLERANCING
MAINTENANCE ELECTRICAL
MAINTENANCE HYDRAULICS
MAINTENANCE PNEUMATICS
MAINTENANCE PLC
MICROSOFT OFFICE EXCEL
SHOP MATH
STATISTICAL PROCESS CONTROL
ROBOTICS
SIX SIGMA
WELDING
We have prepared a complete catalog of the 30 Connecticut Learning Pathways. This is available for download.
INDIVIDUAL SKILLS

Our customers organize our courses into groups that align with job descriptions or learning goals.

We call these LEARNING PATHS
LEARNING PATHS AND TEAMS
GKN AEROSPACE - CNC TECHNICIAN EXAMPLE
PRE-HIRE TRAINING < 20 HOURS

Here’s an example of a Learning Path created by GKN Aerospace who employs entry-level CNC machining technicians.

This program is 20 hours in duration and prepares an unskilled person for initial employment at GKN.

Once hired, the new employees have access to more advanced programs that enable them to grow their skills.

Prior to 180 Skills, this training would have required more than 80 hours of instructor-led training.

GKN Aerospace
HOW TO GET STARTED
GETTING STARTED IS EASY
YOUR TRAINING SYSTEM CAN BE SET UP IN LESS THAN ONE WEEK

1. SIGN UP
2. LMS SETUP
3. CONTENT ORGANIZATION TRAINING
4. GO LIVE

www.180skills.com/ CONNECTICUT
SIGNUP

Company name
Company address
Contact name

NAICS code

UP TO 50 USERS

www.180skills.com/connecticut
Every participant receives a private space on our learning management system.
We train you how to manage learners and course content.

Hosted on our LMS

3
LMS Training

Manage Users
Course Enrollment
Reporting
Create new courses
IMPLEMENTATION PROCESS - 90 MINUTES

1. Welcome!
   We send you the Implementation Guide and Skills Course Catalog.

2. Define Goals
   We request your job descriptions and learning goals.

3. Establish Learning Site
   We establish a team space for your organization on our Learning Management System (LMS).

4. Implementation Meeting
   We teach you about Learning Paths and how to use the 180 Skills Library to achieve your goals.

5. LMS Training
   We teach you how to enroll users, create learning paths, and create learning reports.

6. Go Live
   You are ready to teach skills!
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QUESTIONS?

www.180skills.com/Connecticut
THE STATE OF CONNECTICUT IS INVESTING IN THE FUTURE OF YOUR COMPANY

Launching the 180 Skills training system takes less than one day, and the cost is zero.

THROUGH THIS INITIATIVE YOU CAN

- increase the skills of every person in your organization
- give your employees skills they can use at work and at home
- increase your employee retention
- grow your business

Please consider becoming a member of the Connecticut 180 Skills initiative and helping residents and companies thrive in the coming years.

FOR MORE INFO CONTACT

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