

# *Filling Workforce Demands in A Digital World*

Ashleigh Potuznik: Senior Workforce Development Manager



# AGENDA

- NCCER Overview
- Program Resources
- Virtual Training Tools
- Recruitment Ideas
- Questions & Contacts





# ABOUT NCCER

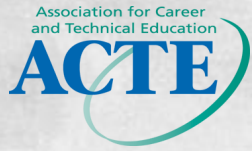
**Mission:** To build a safe, productive and sustainable workforce of craft professionals.

**Vision :** Recognized by industry, government and education as the training, assessment, certification and career development standard for the construction and maintenance craft professional.

- **Not-for-profit education foundation ; work with Pearson as our publishing partner**
- **Created in 1996 as *The National Center for Construction Education and Research (affiliated with the University of Florida)***
- **Support of more than 125 construction CEOs, associations, and academic leaders**
- **Revolutionized training for the construction industry**



# 2021 BOARD OF TRUSTEES



Brown & Root

CIANBRO



Construction Industry Institute®

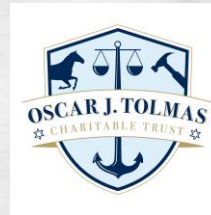


ExxonMobil

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MCCARTHY



TEAM®



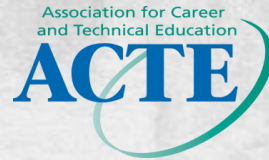
Worley  
energy | chemicals | resources

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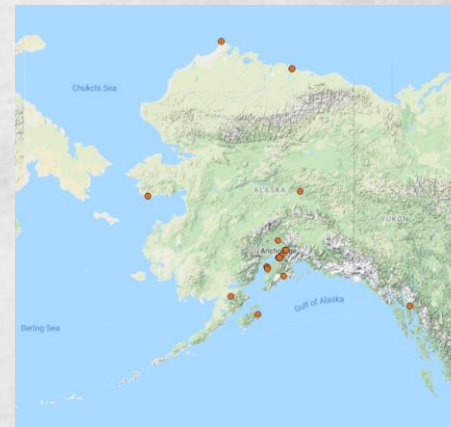
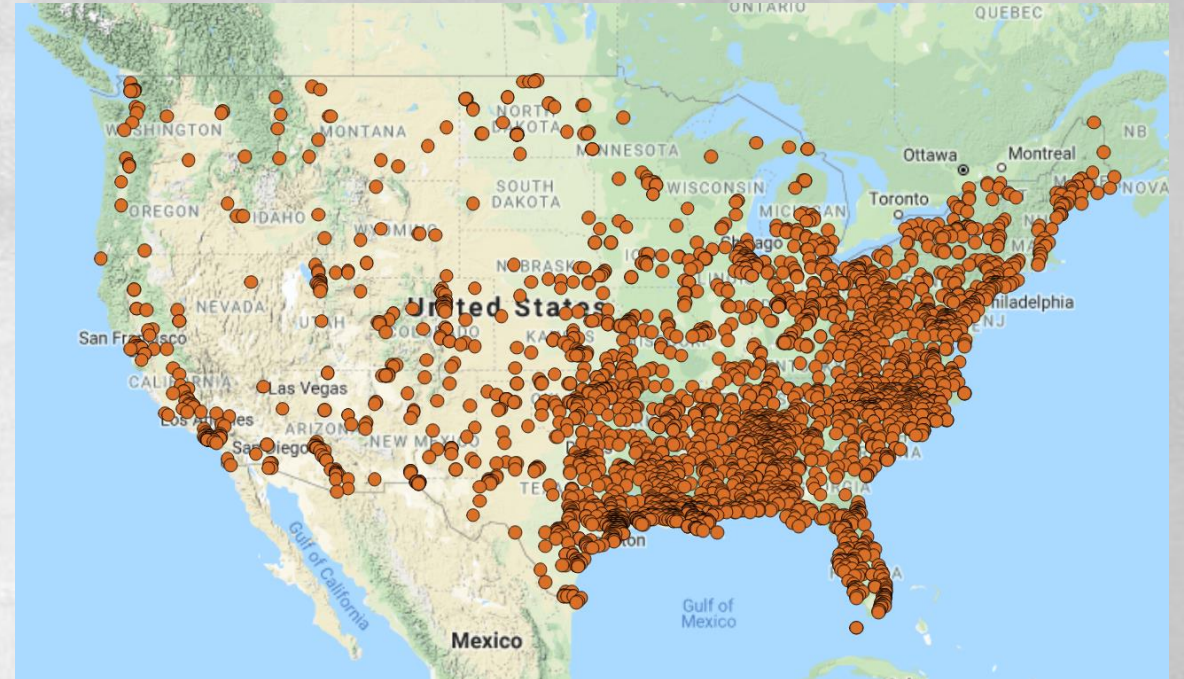


# 2021 NCCER PARTNERS



# UTILIZED IN ALL 50 STATES

- **700+** Accredited Organizations
  - Contractors
  - Trade Associations
  - Workforce Development Agencies
  - Correctional Facilities
  - Department of Education
- Currently over **7,500** formally recognized points of delivery for training and assessments under those accredited organizations





# TRAINING & ASSESSMENT STATISTICS

- **Training Module Completions: 20,000,000 +**  
*(Over 1 million actual completions annually since 2009)*
- **Journey-Level Assessments:**
  - **779,435 Taken**
  - **406,809 Passed**
  - **52% Pass Rate**
- **Master Trainers: 7,408**
- **Craft Instructors: 74,171**





# PROGRAM OVERVIEW





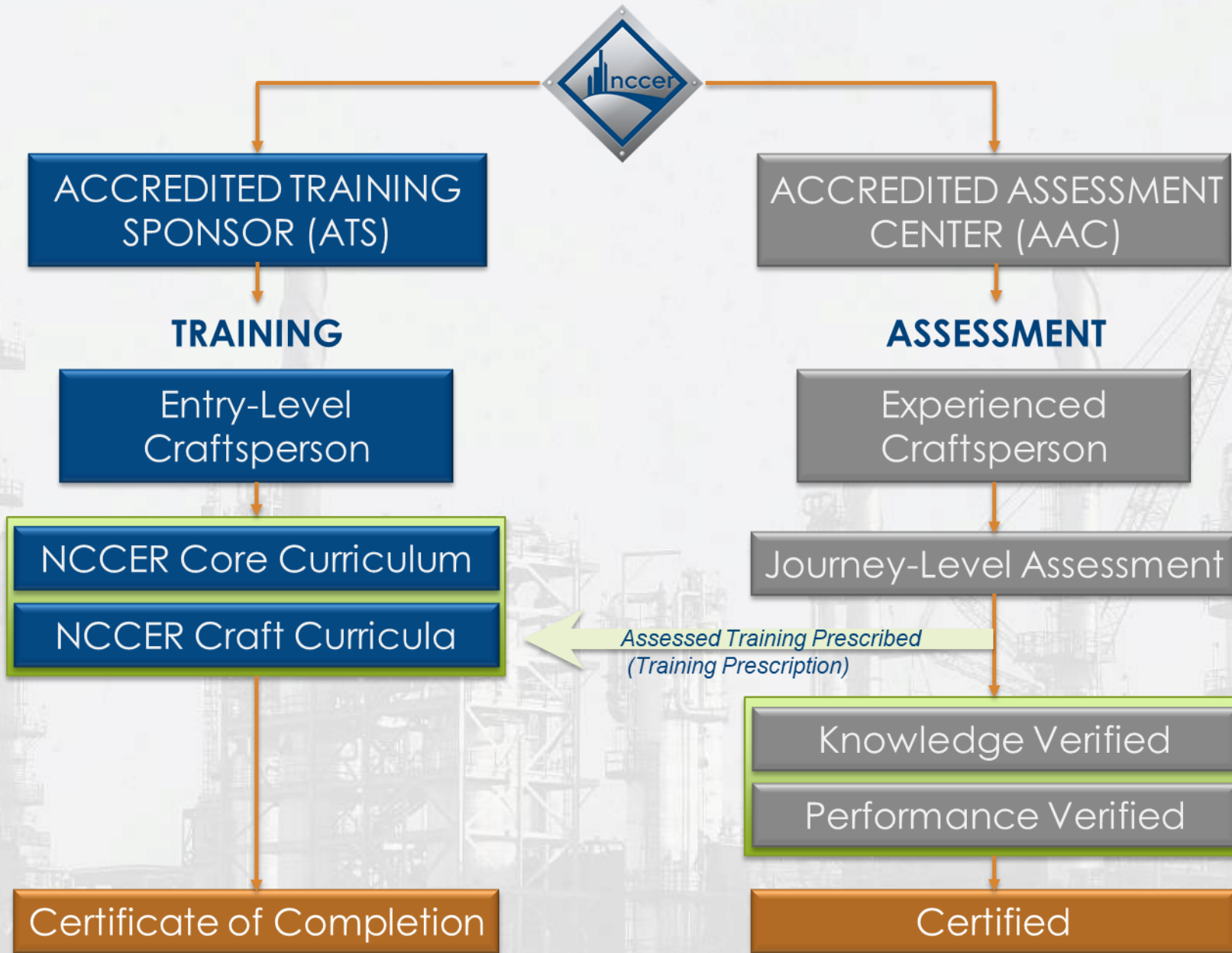
# WHAT NCCER OFFERS

## Comprehensive Workforce Development System

- Accreditation
- Instructor Certification
- Standardized Industry-Driven Curricula
- Nationally Recognized Skill Assessments
- Industry-Recognized Credentialing & Certification
- Construction Career/Recruiting Resources (Build Your Future)
- Construction Safety & Front-Line Management Education



# HOW IT WORKS

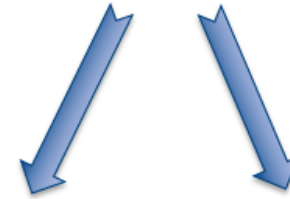




# INDUSTRY RECOGNIZED CREDENTIALS



- Achieved by passing every module's written & performance exams
- Training credentials are provided after completion of a level\* in NCCER's curriculum
- Training is submitted through our **Online Testing System** and stored in the **Registry System**



Pass Online  
Training Module  
Exams

Pass Performance  
Training Module  
Exams



# TRACKING & VERIFYING TRAINING RECORDS

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## NCCER's Registry System

- Confidential, secure storage
- Documents training and skills attainment
- Provides portable, industry-recognized credentials

## Free, online, secure and user-friendly way to submit, review and manage:

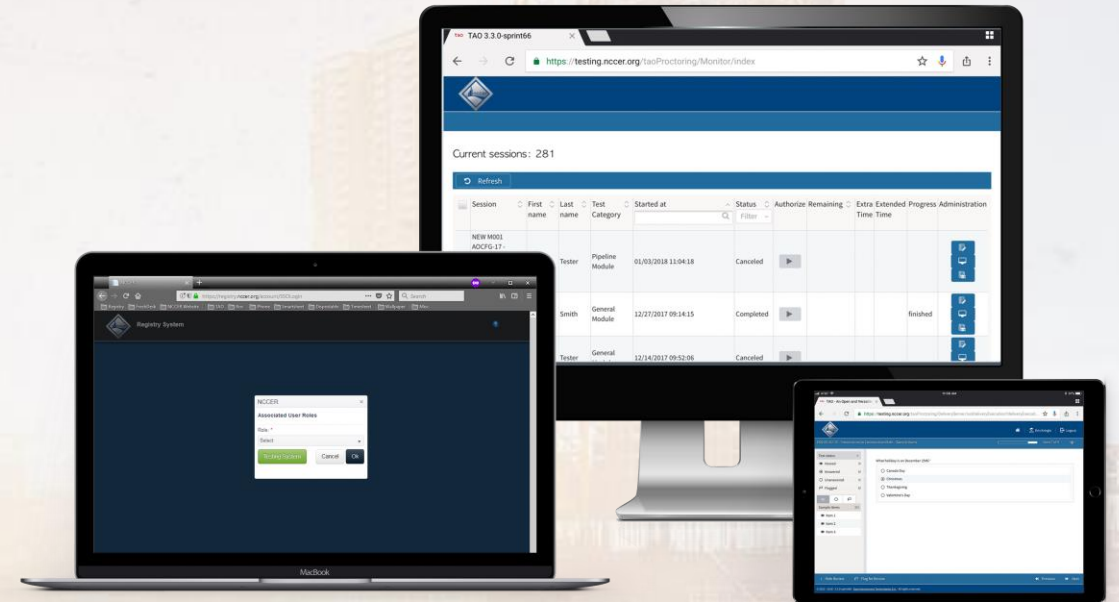
- Training and certification information
- Performance Verification credentials





# ONLINE TESTING SYSTEM

- **Multiple Test Versions** – Automatically scrambles test questions
- **Electronic Format** – Create, launch, score and submit module tests online
- **Web-based Platform** – No special software or hardware requirements
- **Proctor Station** – Administer tests easily and quickly
- **Responsive Design** – Automatically conforms to multiple devices (i.e. laptops, tables, Google Chromebooks & MacBooks) and all major browsers



# CURRICULA

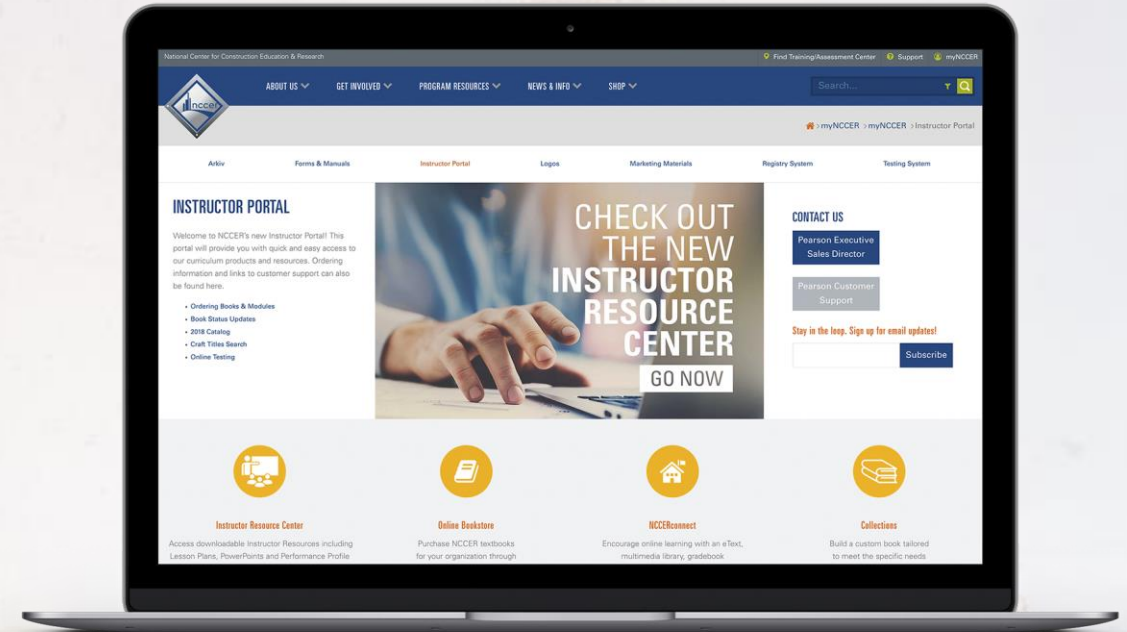
- Covers over **70 craft areas**
  - *New mentorship and workforce development titles*
- Utilizes industry subject matter experts
- Meets or exceeds industry standards and the department of labor's office of apprenticeship requirements for registered training
- Competency based, modular format allows for flexibility





# CURRICULA RESOURCES

- **Instructor Resources**
  - Lesson Plans, PowerPoints and Performance Profiles
- **Custom Book Build**
  - Choose the modules you need
  - Order of mods
- **NCCERconnect**
  - Online, interactive eBooks
  - Blended learning opportunities
- **Website**
  - myNCCER
  - Craft pages



# VIRTUAL TRAINING TOOLS





# VIRTUAL TRAINING RESOURCE SITE

We have collected resources to help instructors build their online training programs. This page will be updated as new resources become available.

[Click](#) here to access this information



**VIRTUAL TRAINING RESOURCES**

**LinkedIn NCCER Craft Instructor Forum**  
For access to the most current tips and to communicate with other NCCER craft instructors, join the new NCCER Craft Instructor's Forum on LinkedIn.

[JOIN NOW](#)

## Getting Started

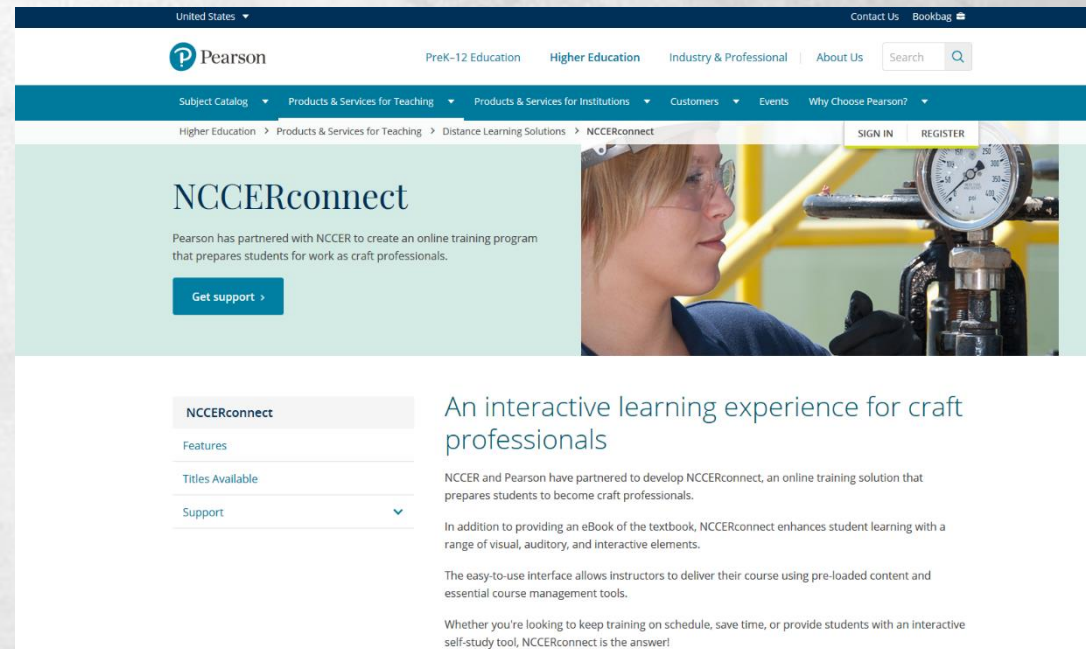
			
Free Wi-Fi through Comcast and Spectrum for 60 Days	Webinar Software Comparison	Zoom Meeting and Webinar Tips	Distance Learning with PBS LearningMedia Video
<a href="#">LEARN MORE</a>	<a href="#">LEARN MORE</a>	<a href="#">LEARN MORE</a>	<a href="#">LEARN MORE</a>



# NCCERCONNECT

Available in the following crafts:

- Carpentry
- Core Curriculum
- Construction Technology
- Electrical
- EST
- Fundamentals of Crew Leadership
- Heavy Equipment Operations
- HVAC
- Plumbing
- Welding
- Your Role in the Green Environment



The screenshot shows the NCCERconnect website interface. At the top, there is a navigation bar with 'United States' and 'Contact Us Bookbag'. Below that is the Pearson logo and navigation links for 'PreK-12 Education', 'Higher Education', 'Industry & Professional', and 'About Us'. A search bar is also present. The main content area features a header for 'NCCERconnect' with a description: 'Pearson has partnered with NCCER to create an online training program that prepares students for work as craft professionals.' A 'Get support >' button is visible. To the right of the text is a photograph of a woman wearing safety glasses and a hard hat, working with industrial equipment. Below the main content, there is a sidebar with a table of contents for 'NCCERconnect' including 'Features', 'Titles Available', and 'Support'. The main content area continues with the heading 'An interactive learning experience for craft professionals' and a detailed description of the program's features and benefits.

United States ▼ Contact Us Bookbag

Pearson PreK-12 Education Higher Education Industry & Professional About Us

Subject Catalog Products & Services for Teaching Products & Services for Institutions Customers Events Why Choose Pearson?

Higher Education Products & Services for Teaching Distance Learning Solutions NCCERconnect SIGN IN REGISTER

## NCCERconnect

Pearson has partnered with NCCER to create an online training program that prepares students for work as craft professionals.

[Get support >](#)

<b>NCCERconnect</b>
Features
Titles Available
Support <span>▼</span>

### An interactive learning experience for craft professionals

NCCER and Pearson have partnered to develop NCCERconnect, an online training solution that prepares students to become craft professionals.

In addition to providing an eBook of the textbook, NCCERconnect enhances student learning with a range of visual, auditory, and interactive elements.

The easy-to-use interface allows instructors to deliver their course using pre-loaded content and essential course management tools.

Whether you're looking to keep training on schedule, save time, or provide students with an interactive self-study tool, NCCERconnect is the answer!







# CRAFT INSTRUCTORS FORUM

LinkedIn

To network, collaborate and share ideas for creative and effective training, please join our new LinkedIn NCCER Craft Instructor Forum.



# REMOTE PROCTORING



## REMOTE PROCTORING

NCCER is offering a temporary remote proctoring option for craft module tests (knowledge only) through our online testing system. It is available to all NCCER accredited organizations and sponsored organizations.

Remote proctoring will be available from April 6, 2020 – December 31, 2020. Prior use of the testing system is not required and training is provided. NCCER will continue to watch this situation and provide updates as needed.



Check out these resources for an overview of the remote proctoring process.

[Watch Video](#) [Download Slides](#)

### Frequently Asked Questions

We have compiled a list of FAQs to further assist you.

[Learn More](#)

**Need help using the Testing System?  
Watch our new training series!**



NCCER has recently released the Testing System Training Series — a

[How to Get Started with NCCER Remote Proctoring via the Portal](#)





# FAST TRACK TRAINING PROGRAM

## COURSE MAP

The Fast Track course is set up to provide entry-level knowledge and skills for individuals wanting to enter the construction industry. It can be taught in a fast-track environment (four weeks) to help individuals get to work quickly. This course provides the opportunity for successful completers to receive industry-recognized credentials including OSHA 10 through CareerSafe and NCCER Core and Construction Site Safety Orientation (when taught by an NCCER accredited organization).

TITLE	NCCER MODULE NUMBER	CONTACT HOURS
OSHA 10 Online (provided through CareerSafe)	N/A	10
Basic Safety	00101	5
Orientation to the Industry Online	N/A	4
Basic Communication	00107	7.5
Employability Skills	00108	7.5
Introduction to Hand Tools	00103	10
Introduction to Power Tools	00104	15
Introduction to Construction Math	00102	15
Introduction to Construction Drawings	00105	10
Material Handling	00109	5
Introduction to Basic Rigging (optional)	00106	(7.5)
<b>TOTAL HOURS</b>		<b>94 (101.5)</b>

*Please note: Orientation to the Industry is provided by Build Your Future; [click here to access it](#). Career Coaching, Resume Building and Financial Literacy are suggested supplemental topics and not included in the NCCER Core book.*

DAY ONE	DAY TWO	DAY THREE	DAY FOUR	DAY FIVE
OSHA 10 Online (provided by CareerSafe)	NCCER Basic Safety/ OSHA 10 Online	Orientation to the Industry <i>Career Coaching</i>	NCCER Basic Communications	NCCER Employability Skills <i>Career Coaching</i> <i>Resume Building</i>
DAY SIX	DAY SEVEN	DAY EIGHT	DAY NINE	DAY TEN
NCCER Hand Tools	NCCER Hand Tools	NCCER Power Tools	NCCER Power Tools	Additional Lab Time <i>Financial Literacy</i>
DAY ELEVEN	DAY TWELVE	DAY THIRTEEN	DAY FOURTEEN	DAY FIFTEEN
NCCER Construction Math	NCCER Construction Math <i>Financial Literacy</i>	NCCER Introduction to Construction Drawings	NCCER Introduction to Construction Drawings <i>Financial Literacy</i>	Additional Lab Time <i>Career Coaching</i> <i>Resume Building</i>
DAY SIXTEEN	DAY SEVENTEEN	DAY EIGHTEEN	DAY NINETEEN	DAY TWENTY
NCCER Introduction to Material Handling  Safety Review or Additional Construction-related Training & Certification	NCCER Introduction to Basic Rigging	Additional Construction-Related Training & Certifications  (Local demand driven)	Career Coaching  Interview Opportunities	Graduation  Signing Day

5



# BUILD YOUR FUTURE

*Build Your Future aims to be the catalyst for recruiting the next generation of craft professionals.*





# SO HOW DO WE GET THE PEOPLE?

- ✓ Career and Technical Education (CTE) Revitalization
- ✓ Youth Recruitment
- ✓ Image Enhancement



# NATIONAL RESOURCES

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- Teacher resources (*Posters, trading cards, bookmarks, career day planning materials*)
- Interactive website
- Best practices
- Videos
- Scholarships
- Hard Hat Heroes military initiative
- **I Built This!** video contest
- Careers in Construction Month (*October*)





# CAREER EXPLORATION TOOLS

## Online craft pro quiz:

**WHICH CRAFT PRO ARE YOU?**

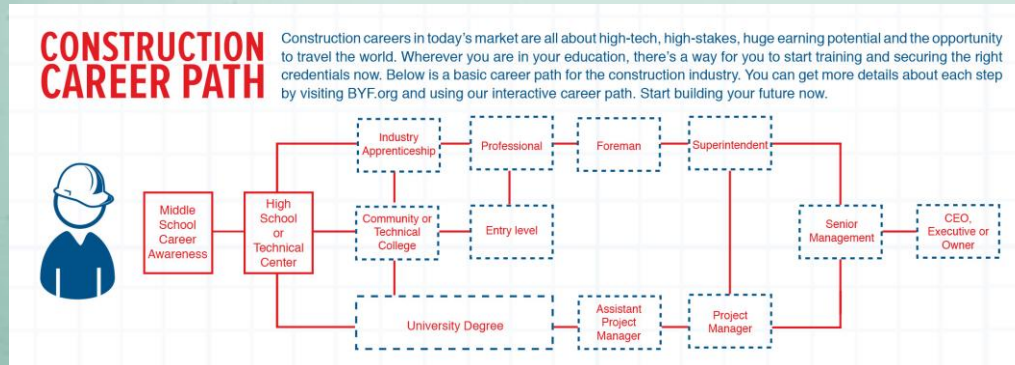
Do you like working outdoors? → **YES** → Are you afraid of heights? → **NO** → Do you have good balance? → **YES**

**RISE ABOVE THE REST!**  
Check out these craft professions!



IRONWORKER   SCAFFOLD BUILDER   ROOFER

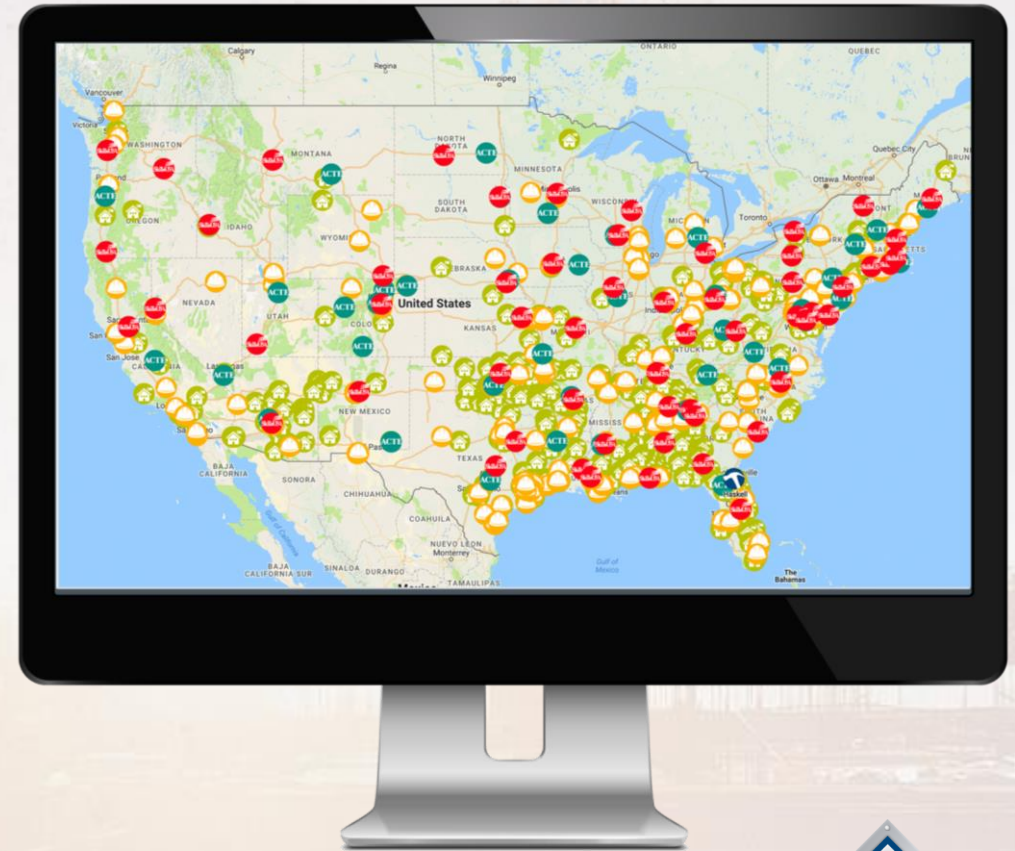
## Construction career path:



# CONNECTION MAP

The Connection Map helps connect construction industry representatives and educators in local areas and regions.

Sign up at [pathways.nccer.org](https://pathways.nccer.org)





# HARD HAT HEROES

## Completed Alignments:

- 27 Army MOS
- 42 Seabee Rates
- 11 Air Force (AFSC)
- 8 Marine Corps MOS
- 2 Rank-based

Total Military Specialties Aligned = **90**

**Over 600 veterans credentialed**



## Pearson Executive Directors

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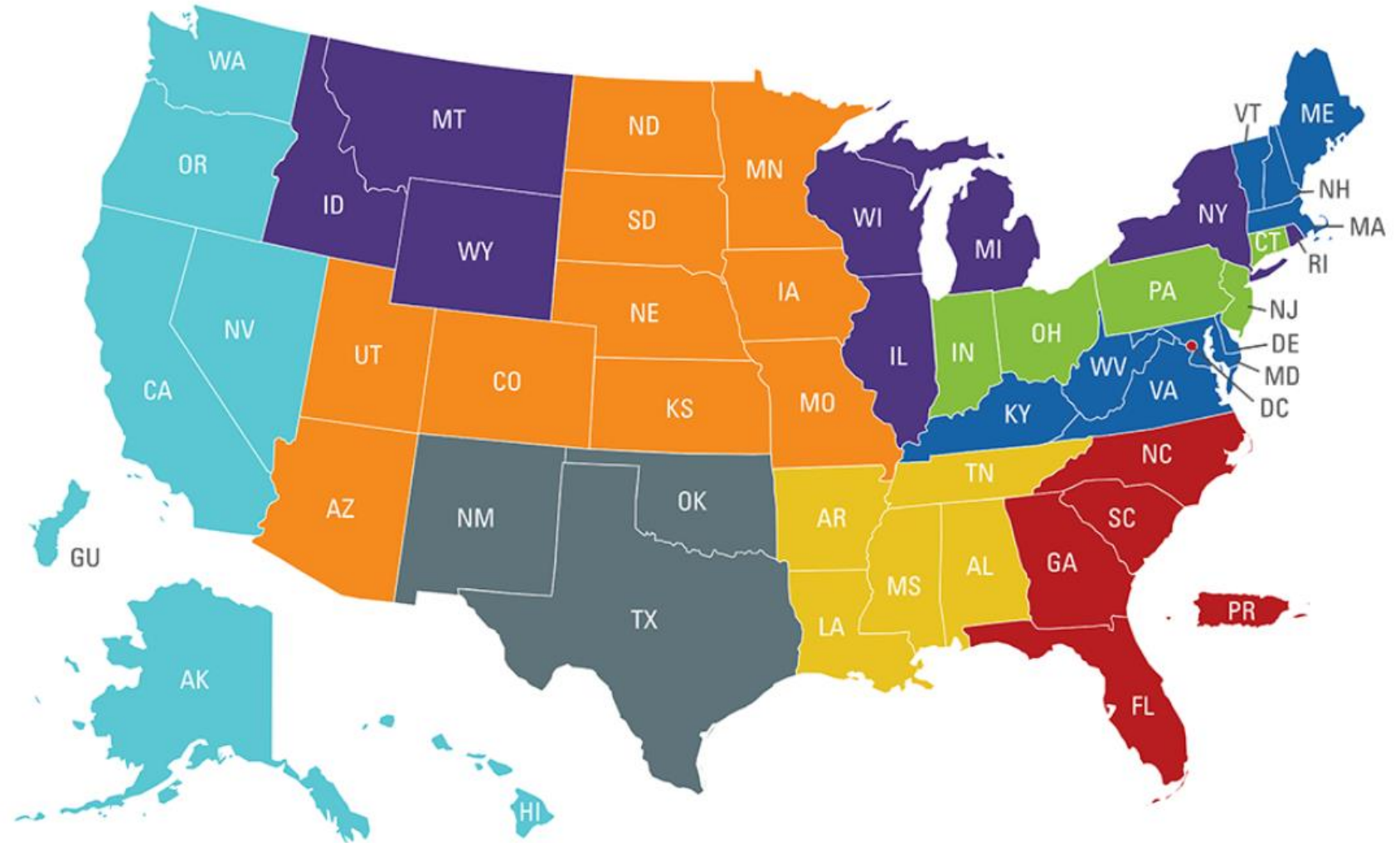
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# Questions and Contact Information



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**CRAFT PROFESSIONALS AREN'T BORN,  
THEY'RE BUILT.**



**THANK YOU!**

