



2023-2024

Course Catalog



UNLOCKING POTENTIAL

The ACI Construction Career Center believes in building upon a strong foundation. While raw talent certainly plays a role in that, the right education at the right time is what shapes that talent into a skilled professional, a strong and respected leader, and a vital representation of the company. And, in commercial construction, the proper training can be the difference between life and death.



It is rare to find a group whose mission is to stand behind our organization's mission wanting nothing more than our success.

- Jock Pitts, President, People Working Cooperatively



The courses outlined here are a direct result of a needs assessment survey that consulted the 500+ ACI member companies. The mission of ACI's Construction Career Center (CCC) is to close the Cincinnati region's commercial construction industry workforce and skills gaps.

We offer courses taught by industry experts on dozens of topics.

Train your entire staff, from craft workers, office administrators, estimators, and project managers to executive leadership.



Continuing industry education closes skill gaps, expands our workforce and... saves lives.

A FEW WORDS

FROM OUR EXECUTIVE DIRECTOR



Mission and passion. These two words describe well what motivates us to provide you best-in-class education & training programs and classes.

Allied Construction Industries' (ACI) mission is to grow our region's commercial construction industry. And the simple truth of the matter is that our mission can only be achieved through investing in the talent that drives our industry, and the industries that support construction.

Our passion for this work is fueled by the fact that we get to have impact in people's lives as we contribute to the health and vitality of our region. Helping people achieve their career goals, and helping businesses attain the best workforce possible is rewarding work. It fills our cups. Full stop.

I hope that we get the opportunity to help you on your career journey to be the best you can be. ACI wants you to win because after all, if you win, everybody wins!

Sincerely,

**EXECUTIVE DIRECTOR, ALLIED CONSTRUCTION INDUSTRIES
& CINCINNATI DIVISION OF OHIO AGC**

2023-2024

COURSEWORK TRACKS

TECHNICAL TRAINING & EDUCATION

EDUCATION THAT PROVIDES A SPECIALIZED [TANGIBLE OR PRACTICAL] SKILL FOR A RELATED CAREER PATH.



OPERATIONS AND LEADERSHIP

EDUCATION THAT EXPANDS AND IMPROVES THE KNOWLEDGE BASE OF PARTICIPANTS TO STRENGTHEN/IMPROVE THEIR COMPANY/ORGANIZATION.



SAFETY TRAINING AND EDUCATION

EDUCATION THAT PROVIDES KNOWLEDGE AND AWARENESS, RESULTING IN SAFER INDIVIDUALS AND ENVIRONMENTS.



CAREER DEVELOPMENT

EDUCATION THAT EXPANDS THE KNOWLEDGE AND SKILLS OF THE PARTICIPANT PERSONALLY AND PROFESSIONALLY.





TECHNICAL TRAINING & EDUCATION

COURSEWORK

Education that provides a specialized [tangible or practical] skill for a related career path.

16 HRS

DRONE CERTIFICATION TRAINING

This course prepares attendees to become FAA-certified drone pilots.

Topics: Guidelines and Regulations (per 14 CFR Part 107/ Small Unmanned Aircraft Systems), Remote Pilot Certificate Knowledge Test, Integrated Airman Certification and Rating Application (IACRA), FAA Form 8710-13, Registering a Drone.

Associated Partners: Herman Heine, Federal Aviation Administration

FOR:

**PROJECT MANAGERS
PROJECT ENGINEERS
FIELD EMPLOYEES**

8 HRS

INSULATING CONCRETE FORM TRAINING COURSE

This course provides the detailed knowledge to begin designing and building with one of the fastest-growing building systems on the market – Insulating Concrete Forms (ICF). The course will feature a detailed lecture on use and function, followed by a hands-on demonstration.

Associated Accreditation: Certificate

Associated Partners: ICFMA, OCA, FoxBlocks, NRMCA, Build With Strength Ohio

CEUs: Earn 4 to 8 AIA-CES Learning Units and 4-8 Professional Development Hours (PDH)

FOR:

**DESIGN PROFESSIONALS,
GENERAL CONTRACTORS,
SUB CONTRACTORS:
MASONRY, STRUCTURAL,
& CONCRETE**



TECHNICAL TRAINING & EDUCATION

COURSEWORK

Education that provides a specialized [tangible or practical] skill for a related career path.

16 HRS

PRINT READING

The Print Reading course provides a solid foundation for reading and understanding construction prints.

Topics: Drawing Organization and Lines & Symbols, Construction Math, Architect and Engineers Scale, Construction Specifications, Site Plans, Architecture Drawings, Structural Drawings, Hands-on in class drawing work.

FOR:

**FIELD
PROFESSIONALS
ALL LEVELS,
OFFICE**

8 HRS

GENERAL RIGGER/SIGNAL PERSON

This course covers both general Rigging and Signalperson operations. Attendees will learn how to identify unsafe conditions around the application of rigging, and how to employ uses of hardware and equipment. The course includes an overview of crane mechanics, rigging applications, and hazard recognition involved in rigging loads. Primary emphasis will be on crane signaling; all-terrain forklifts and similar equipment will also be included, and hand and voice signals will be introduced.

Associated Accreditations: Certificate and Wallet Card
Associated Partners: Various

FOR:

**POSITIONS THAT
REQUIRE HEAVY
LIFTING**



TECHNICAL TRAINING & EDUCATION

COURSEWORK

Education that provides a specialized [tangible or practical] skill for a related career path.

12 HRS

CONSTRUCTION SPANISH 1

This course will introduce and reinforce Spanish vocabulary and language structures that will enable participants to communicate with Spanish-speaking workers. Participants will build workplace Spanish vocabulary (specific to construction) and grammar/syntax skills in class through interactive presentations, written and oral practice, and instructor feedback.

FOR:

**EMPLOYEES WORKING
WITH SPANISH SPEAKING
CO-WORKERS**

4 HRS

SCAFFOLD USER AND ERECTOR

OSHA requires that each employee performing work while on a scaffold must be trained by a qualified person to recognize the hazards associated with the type of scaffold used. This course will introduce scaffold definitions, types of common scaffolds (supported, frame, system, suspended, mobile), proper erecting and dismantling practices, loading capacities, fall protection, and inspections.

FOR:

**POSITIONS THAT
REQUIRE
ASSEMBLING/
DISASSEMBLING
SCAFFOLDING**

Associated Partners: Road to Safety

29 HRS

NCCER MOBILE CRANE OPERATOR PREP COURSE + TESTING

Three-day study course covering the responsibilities of a Mobil Crane Operator, where you will learn the basics of safe Mobile Crane Operation; set-up and break-down, lift planning, load charts, stability, loading, and lifting. Classroom review is designed to prepare you for successful completion of the online assessment portion of the certification process. Practical examination is administered by an NCCER-certified Practical Examiner.

FOR:

**INDIVIDUALS
OPERATING BOOM
TRUCK, TELESCOPIC
LATTICE BOOM OR
INDUSTRIAL/ALL
PURPOSE CRANES**

Associated Accreditation: Certificate and Wallet Cards valid for 5 years

Associated Partners: NCCER

Time: 24 Hours classroom study, 3 Hours online assessment, 2 Hours practical examination



TECHNICAL TRAINING & EDUCATION

COURSEWORK

Education that provides a specialized [tangible or practical] skills for a related career path.

4 HRS

COMPACT EXCAVATOR TRAINING

This OSHA-complaint equipment operator training covers the fundamentals of daily maintenance, machine controls, and safe operating practices for mini excavators weighing up to six metric tons.

Associated Accreditations: Certificate and wallet card
Associated Partners: Bobcat Enterprises

FOR:

**ALL PERSONS
REQUIRED TO
OPERATE
EQUIPMENT**

4 HRS

FORKLIFT INDUSTRIAL

Forklift operators must be competent to operate a powered industrial truck safely, as demonstrated by successfully completing forklift safety training, including classroom instruction and a hands-on performance evaluation. Industrial Forklifts are generally used in warehouses and other indoor environments.

Associated Partners: Bobcat Enterprises

FOR:

**ALL PERSONS
REQUIRED TO
OPERATE
EQUIPMENT**

4 HRS

FORKLIFT ROUGH TERRAIN

Forklift operators must be competent to operate a powered industrial truck safely, as demonstrated by the successful completion of forklift safety training, which includes classroom instruction and a hands-on performance evaluation. Rough Terrain Forklifts are generally used on construction sites and other outdoor environments.

Associated Accreditations: Certificate and Wallet Cards valid for five years
Associated Partners: Bobcat Enterprises

FOR:

**ALL PERSONS
REQUIRED TO
OPERATE
EQUIPMENT**



TECHNICAL TRAINING & EDUCATION

COURSEWORK

Education that provides a specialized [tangible or practical] skill for a related career path.

4 HRS

MOBILE ELEVATED WORK PLATFORMS (MEWP'S)

FOR:

Mobile elevated work platform operators are required to have training on safety procedures, and regulations, how to safely set up an aerial lift, what load-capacity limits mean, and when and how to perform inspections. Classroom presentation followed by skills demonstration.

**ALL PERSONS
REQUIRED TO
OPERATE
EQUIPMENT**

Associated Accreditations: Three-year certificate
Associated Partners: Bobcat Enterprises

4 HRS

SKID STEER

FOR:

Skid steer operation techniques apply to most work locations – indoors and outside. Training will cover blind spots and backing, working in adverse weather, safe hauling on terrain and slopes, how weight distribution affects steering and stability, and the use of the release system. Classroom presentation and practical examination included.

**ALL PERSONS
REQUIRED TO
OPERATE
EQUIPMENT**

Associated Partners: Bobcat Enterprises



OPERATIONS & LEADERSHIP

COURSEWORK

Education that expands and improves the knowledge base of participants to strengthen their business acumen and contribute to the overall success of their organization.

APPRENTICESHIP WORKSHOP

Designed for any organization seeking to understand the benefits, requirements, and processes it takes to develop, implement, and operate a Recognized Apprenticeship Program and Pre-Apprenticeship program.

Associated Partners: Apprenticeship Ohio, Department of Labor
Benefits: Improve retention, upskill your workforce, save money, and have more competitive bids on jobs with Project Labor Agreements

FOR:

**HR
PROFESSIONALS
FIELD AND
OFFICE
LEADERSHIP
POSITIONS**

TECH CRED

This workshop will break down how employers can be reimbursed for upskilling their workforce through Ohio's TechCred program. Employers who submit successful applications to TechCred will be reimbursed up to \$2,000 per credential when current or prospective employees complete eligible technology-focused credentials.

Associated Partners: Governor's Office of Workforce Transformation
Benefits: Cost Savings

FOR:

**HR
PROFESSIONALS
LEADERSHIP
POSITIONS**

3 HRS

3 HRS



SAFETY TRAINING & EDUCATION

COURSEWORK

Education that provides knowledge and awareness of safety best practices, resulting in safer individuals and environments.

DRUG-FREE SAFETY PROGRAM TRAINING

FOR:

**NEW EMPLOYEES,
NEW SUPERVISORS,
SUPERVISORS LOOKING
FOR REFRESHER
EDUCATION**

This training fulfills the OHIO BWC's requirements for Basic, Advanced, and Comparable programs. A credentialed substance abuse professional will present the employee, initial supervisor, or supervisor refresher education that provides the employer access to a premium rebate for addressing workplace use and misuse of alcohol and illegal drugs.

Associated Partners: Tri-Health EAP
Time frame: On-hour or Two-hour classes

QPR (QUESTION, PERSUADE, REFER) SUICIDE PREVENTION

FOR:

ALL POSITIONS

QPR (Question, Persuade, Refer) This program is designed to reduce suicidal behaviors and save lives by providing innovative, practical, and proven suicide prevention training. QPR is quality education empowering all people, regardless of their background, to make a positive difference in someone's life. Non-clinical people wanting training in how to identify and prevent mental health crises that may lead to suicide should attend this class.

Accreditation: Certificate of Completion
Associated Partners: 1N5

MENTAL HEALTH FIRST AID

FOR:

ALL POSITIONS

Attending this class will result in your certification in Mental Health First Aid (MHFA), an evidence-based course that will teach you how to identify, understand, and respond to signs of mental illness and substance use disorders in the workplace. You will learn real, actionable ways to help your co-workers. Attend to grow your knowledge of signs, symptoms, and risk factors of mental illnesses and addictions, and identify applicable types of professional and self-help resources.

Associated Accreditation: Certificate
Associated Partners: Mental Health America
Time frame: offered 6 times per year

1-2 HRS

2.5 HRS

8 HRS



SAFETY TRAINING & EDUCATION

COURSEWORK

Education that provides knowledge and awareness of safety best practices, resulting in safer individuals and environments.

OSHA 10

The OSHA 10-Hour for Construction course is considered the "basic safety class" for all construction workers and will provide all necessary training and introduction to the top injury areas in construction. The two-day class is designed to provide workers with authoritative knowledge on safety and health issues in the construction industry.

Associated Accreditation: OSHA-issued wallet cards
Associated Partners: Various

FOR:

**NEW EMPLOYEES,
WORKERS WANTING TO
INCREASE THEIR
KNOWLEDGE OF OSHA
MINIMUM STANDARDS
FOR SAFE WORKING
ENVIRONMENTS**

OSHA 30

The 30-Hour for Construction course is a comprehensive, in-depth safety class for Safety Directors, Foremen, Field Supervisors, and others needing to know more about hazard identification, avoidance, control, and prevention. The four-day class includes a review of all major OSHA standards for construction, with electives designed for a deep dive into select areas according to attendees' specific work.

Associated Accreditation: OSHA-issued wallet cards
Associated Partners: Various

FOR:

**ALL NEW SUPERVISORS

WORKERS NEEDING TO
UPSKILL AND INCREASE
THEIR KNOWLEDGE OF
OSHA STANDARDS**

OSHA 510

This course covers OSHA standards, policies, procedures, and safety and health principles in the construction industry. Completion of this course is a prerequisite to the OSHA 500 Outreach Trainer for the Construction Industry course. Topics include the scope and application of the OSHA construction standards, with special emphasis on those areas in construction which are most hazardous.

Associated Partners: Great Lakes OSHA Training Institute
CEU's: 3
Time frame: 4 days, 32 hours

FOR:

**THOSE WISHING TO
TAKE THE OSHA
500 COURSE TO BE
CERTIFIED AS AN
OSHA-AUTHORIZED
OUTREACH
TRAINER**



SAFETY TRAINING & EDUCATION

COURSEWORK

Education that provides knowledge and awareness of safety best practices, resulting in safer individuals and environments.

30 HRS

OSHA 500

The course for Outreach Trainers for Construction will cover basic adult learning techniques, and discuss effective presentation skills. During the course, students will prepare a presentation on an assigned OSHA Construction Outreach Training Program topic individually and make a presentation to the class in partial fulfillment of the course requirements.

Accreditation: Occupational Safety and Health Administration
Associated Partners: UC Great Lakes OSHA Education Center

FOR:

**INDIVIDUALS
INTERESTED IN
BECOMING
AUTHORIZED TO
TEACH THE OSHA 10
AND 30-HOUR
OUTREACH
TRAINING**

16HRS

FALL PROTECTION COMPETENT PERSON

Falls from heights result in more injuries and fatalities than any other area in construction, and consistently top the list of OSHA's most cited violations. This course is imperative for individuals who are responsible for the supervision, implementation, and monitoring of a managed fall protection program. You will learn to identify various types of allowable fall protection equipment, and how to recognize and correct fall hazards.

Associated Partners: Guardian Fall Protection, 3M Fall Protection

FOR:

**SAFETY
PROFFESIONALS**

**FIELD
SUPERVISORS**

**PROJECT
MANAGERS**

4HRS

FIRST AID/CPR/STOP THE BLEED

OSHA requires employers to provide a safe workspace free of occupational hazards and to have a First Aid-qualified individual on all job sites. This combination course covers wound care, head and eye injuries, heart attacks and strokes, AED use, and bloodborne pathogen protection, along with best practices regarding: applying direct pressure, packing a wound, and using a tourniquet to stop bleeding.

Associated Accreditation: Two-year certificate in First Aid/CPR
Associated Partner: NKEMS

FOR:

ALL POSITIONS



CAREER DEVELOPMENT

COURSEWORK

Education that expands the knowledge and skills of the participant personally and professionally.

PROJECT MANAGER DEVELOPMENT PROGRAM (PMDP)

PMDP is a five-unit program that covers the essentials of project management and provides a solid foundation for long-term career development.

Topics: accountability, managing expectations, communicating and listening, time effectiveness, delegation, motivating others

Associated Partners: Associated General Contractors of America

FOR:

PROJECT MANAGER

FIELD ENGINEER

SUPERINTENDENTS

MENTORSHIP

This course will provide participants with the knowledge and skills required to be a successful mentor and learn best practices for developing and implementing mentor initiatives. Participants will hear from experts in mentorship, in addition to lessons learned from mentors and their mentees.

Associated Partners: Tetra Management

FOR:

SUPERVISORS

**ANYONE
MANAGING A
TEAM**

TRAIN THE TRAINER

Train the Trainer course prepares workers with technical skills to conduct training in a classroom setting, and helps other leaders become the best trainers they can be.

Associated Partners: Tetra Management

FOR:

**LEADERS IN
CRAFTFORCE**

ACI CONSTRUCTION LEADERSHIP COURSE



Designed for individuals who want to advance their careers and enhance their leadership acumen. Now more than ever, frontline construction leaders are expected to master skills essential to working effectively with teams and co-workers.

ACI Construction Leadership Program is led by subject matter experts with decades of experience. The program empowers participants to apply what is learned in the class, report back on their experiences, and engage with their fellow participants for additional input and feedback.

Culture of Safety	<ul style="list-style-type: none">•Engaging with your team in an authentic way to build trust and collaboration•Addressing problematic behavior with curiosity, not blame•Developing a culture of safety that leads to safe behavior
Jobsite Communication	<ul style="list-style-type: none">•Best practices for supervisors to communicate with direct reports and frontline workers, peers, supervisors and management•Communicating effectively through conversations and digital channels
Talent Management	<ul style="list-style-type: none">•Building your team strategically; finding, developing, and growing talent•Onboarding of new workers to build loyalty and longevity•Fostering good behaviors and correcting bad ones
Conflict Management	<ul style="list-style-type: none">• Identifying warning signs and preventing or reducing conflicts• Using differences of opinion constructively to build a strong, diverse team•Addressing workplace violence and aggression at its root•De-escalation tools•Mediating tense situations between team members and dealing with them impartially
Mental Health & Wellness	<ul style="list-style-type: none">•Recognizing unique challenges to mental health and wellness in construction•Developing and implementing well-being tools, strategies, and outcomes•Connecting mental well-being to employee productivity and morale
Cultural Competence	<ul style="list-style-type: none">•Navigating and leveraging generational diversity•Concepts & definitions, e.g., diversity, equity, inclusion, and belonging•Recognizing unconscious bias and embracing differences



CUSTOM PROGRAM SOLUTIONS

Established in 1929, Allied Construction Industries (ACI) understands the broad scope of the commercial construction industry and the unique workforce challenges that arise for employers. ACI's Construction Career Center is devoted to closing the Cincinnati region's commercial construction industry workforce and skills gap.

ACI's expert staff will work alongside your organization team to identify custom training solutions to meet your unique workforce goals.

- Establish Standardize Education and Training Programs
- Attract New Talent
- Strengthen Workforce Solution Strategies

ACI's Construction Career Center specializes in program development



Youth Exploration



Training & Education



Career Pathways

WHAT DO OUR PARTNERS SAY?

"ACI's partnership and leadership resulted in a program that fit our specific craft needs and has set us up for decades to come." - J. Watkins, President, TriVersity Construction

"It is rare to find a group whose mission is to stand behind our organization's mission wanting nothing more than our success." - Jock Pitts, President, People Working Cooperatively

"Not only did our trade staff develop stronger skills but they also became a better employees."
- Nina Creech, Vice President, People Working Cooperatively



aci-construction.org

Lydia Burns, Senior Manager - Workforce Solutions, lburns@aci-construction.org



CLASSES AVAILABLE ON DEMAND

BY CATEGORY

OPERATIONS & LEADERSHIP

- **LEAN CONSTRUCTION (LEIN SIGMA SIX)**
- **MECHANIC'S LEIN**
- **UNDERSTANDING ISSUES LIKE DAVIS BACON ACT, PREVAILING WAGE, PLAS, CBAS**

CAREER DEVELOPMENT

- **COMMUNICATION**
- **CONFLICT MANAGEMENT**
- **CULTURAL COMPETENCY**
- **TALENT MANAGEMENT**

SAFETY TRAINING & EDUCATION

- **CONFINED SPACE RESCUE**
- **CONFINED SPACE ENTRY**
- **CULTURE OF SAFETY**
- **HAZWOPER 40**
- **HAZWOPER 8**

TECHNICAL TRAINING EDUCATION

- **ESTIMATING**
- **FUNDAMENTALS OF CONCRETE**
- **SPANISH II**

For information about the classes listed above, please contact Matt Slone mslone@aci-construction.org



EDUCATIONAL PREFERRED PARTNERS

OPERATIONS & LEADERSHIP



<https://strategichrinc.com/>

CAREER DEVELOPMENT



<https://www.tetramanagement.net/index.html>



<https://www.dalecarnegie.com/en/locations/cincinnati>

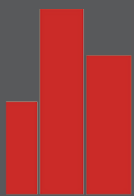


<https://strategichrinc.com/>

TECHNICAL TRAINING EDUCATION



https://www.bobcat-ent.com/?y_source=1_MTM0MDY4MzltNzE1LWxvY2F0aW9uLndlYnNpdGU%3D



Allied
Construction
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