2022 IAB Annual Event Handbook

February 23, 2022
OMNI Hotel • Irving, Texas
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Agenda

7:00 am – 8:00 am  
Registration & Breakfast

8:00 am – 8:15 am  
Call to Order, Greeting, Introductions and Orientation  
Susan Labas, van Zelm Engineers

8:15 am – 9:00 am  
IAB Self-Assessment and Benchmarking  
Charlie McIntyre, IUPUI  
On an annual basis, all ACCE committees perform a self-assessment of their meetings and activities (what did we do and how well did we do it?). ACCE Accreditation Standards require “Outcomes Based Assessment” for all construction programs (what did we do and how well did we do it?). Following that line of logic and accountability, a construction program IAB should ask ... what did we do and how well did we do it? This session provides some practical tools on how to accomplish that challenge.

9:00 am – 9:45 am  
Developing a Tactical Roadmap for Your IAB  
Richard Gebken, Missouri State / Doug Fronick, APAC-Central, Inc.  
IAB Members are sought out for their leadership qualities and industry knowledge. Private sector leaders are particularly results-oriented, expect timely follow through, and have their own vision and ideas regarding what a Construction Management Program needs. A tactical roadmap is an excellent tool for defining an IAB’s direction and establishing a process that gets all stakeholders engaged and pulling in the same direction. This session will describe the process for creating your own roadmap, the elements it must include, and how to build accountability for implementation.

9:45 am – 10:00 am  
Break

10:00 am – 10:45 am  
Workforce Demographics and Knowledge Transfer  
Dhaval Gajjar, Ph.D. and Vivek Sharma, Ph.D., Clemson University  
Construction industry is facing a significant workforce challenge resulting in knowledge loss. Essential, competitive, critical knowledge is walking out the door daily, so addressing the issue is a priority. With baby boomers reaching retirement age, highly experienced employees are leaving en masse taking with them decades of intellectual capital in strategies, products, services, relationships, and how-to - invaluable organizational memory. This session will focus on encapsulating workforce demographics in southeast region and the urgency to develop and implement knowledge transfer strategies.

10:45 am – 11:30 am  
Industry Association and Contractor Support / Involvement with Construction Management and Workforce Education  
Dan Belcher, NCCER // Scott Couper, Pala Group / Dave Davia, RMMCA / Melanie Myers, NEF  
• Learn how ACCE Association Members Support Career Pathways through Student Chapters  
• Partnering Opportunities for Construction Education Programs, Research, Financial Support, Awards & Scholarships

11:30 am – 12:00 noon  
Benefits of Serving as a Guest Lecturer and Adjunct  
Gerrad Delatte, Excel USA / Tony Lamanna, ASU  
Construction Management students can benefit tremendously from an active industry presence in the classroom. This session will address the process and expectations for industry professionals who have an interest and aptitude for sharing their experience in an academic setting.

12:00 pm – 1:15 pm  
Lunch /Networking Initial Greeting/Announcements  
Steve Nellis, ACCE President
Agenda (cont)

1:15 pm – 2:15 pm
TRACK I
Beyond the Economy: The Future of Construction Management Programs
Stevie Toups, CEO, Turner Industries

Although Construction Management Programs have been impacted by recent economic events, demand for CM graduates from 2- and 4-year institutions has remained strong. To construct buildings with an anticipated lifespan of 50 years, requires an ongoing future focus. This dynamic and extremely experienced presenter will gaze into that future. His goal: to predict how to grow and evolve our Construction Management Programs for the purpose of increasing value – and demand – for the students they graduate.

2:15 pm – 3:15 pm
Apprenticeship Accreditation - ACCE's Construction Workforce Education (CWE) Committee in Action
Bill Good, The Roofing Industry Alliance for Progress

1:15 pm – 3:15 pm
TRACK II
Initial Visiting Team Training (annual)
Trainers - Al Bleakley/FIT; Alan Bond/CSU Chico

It's important to have industry practitioners represented on every Visiting Accreditation Team! If your time with ACCE is limited to February 23rd, we hope you will consider attending this training session. The training will qualify you to participate in a visiting Team as a Member in Training (MiT). After completing this initial visit and completing Advanced Team Member Training and Visiting Team Case Studies Training, you will be a fully qualified visitor. The purpose of the Visiting Team is to evaluate a program based on the institution's stated goals and objectives, and to verify compliance with ACCE standards and criteria in those areas that cannot be determined without visiting the institution.

3:15 pm – 3:30 pm
Closing Remarks and Resolutions: Charlie McIntyre, IUPUI

5:30 pm - 6:30 pm
Welcome to ACCE! Networking & Reception at: TBD

6:30 pm - 9:30 pm
Industry Advisory Board Dinner & Networking
Cork & Pig Tavern, Las Colinas, Texas
Event Planning Group: IAB Task Force

Charles McIntyre, Ph.D.

Charles McIntyre, Ph.D. is a recently retired Clinical Professor and the Director of the Construction Management Program at Indiana University Purdue University Indianapolis (IUPUI). Dr. McIntyre received his Ph.D. in civil engineering from Pennsylvania State University. Before joining IUPUI in 2014, he had a distinguished career in higher education at North Dakota State University, including service as interim department chair and graduate program coordinator within the Department of Construction Management and Engineering. Prior to his work in higher education, Charlie was a K-6 teacher in St. Anthony School District in Newfoundland, Canada, and worked as a high school teacher at Assabet Valley Technical High School in Marlboro, Massachusetts. His industry experience includes serving as a superintendent for Hopkinton, Massachusetts Public Works, and a Project Manager for Davna Corporation in Millis, Massachusetts, as well as serving as an independent engineering consultant in design, construction, and testing of water distribution and wastewater collection systems in Massachusetts. At IUPUI, Dr McIntyre initiated substantial changes to the curriculum and revision of the B.S. degree program including inaugural accreditation from the American Council for Construction Education (ACCE), which was successfully approved in 2019. He also played the leading role in expanding the participation of the construction management program's Industrial Advisory Board (IAB). Finally, Dr. McIntyre has been a sustained supporter and leader at the national level within the American Society for Engineering Education (ASEE).

Susan Labas, CPSM

Program Chair - Susan Labas is a Senior Associate and Director of Marketing for van Zelm Engineers, a national mechanical and electrical design and consulting firm headquartered in Connecticut. Her background includes construction management and industry environmental regulations as well as business development. Prior to joining van Zelm, Susan worked for the Konover Construction Corporation (now KBE Building Corporation) where she held a number of positions, including Manager of Business Development and Manager of Tenant Construction. Earlier in her career Susan worked for a joint venture between United Technologies Corporation and Rensselaer Polytechnic Institute that pioneered distance learning in the workplace. She holds a Bachelor’s Degree from Vassar College and a Master's Degree from Rensselaer Polytechnic Institute and is a Certified Professional Services Marketer (CPSM). Susan is the past Chair of the Industry Advisory Board of the Central Connecticut State University Construction Management Department. She is a member of the Board of Trustees of ACCE, the American Council for Construction Education, serving on the Accreditation Committee, the Marketing Committee, and the Industry Liaison Committee. Susan is a long-time member of the Hartford Advisory Board for the Connecticut ACE Mentor Program. A charter board member and past president of the Connecticut Chapter of Professional Women in Construction, Susan also served for seven years on the board of the Connecticut Building Congress and is a past president of the Hartford Chapter of the National Association of Women in Construction.

Charles Roesset

Charles Roesset has been in the building material industry since 1984. Since joining Simpson Strong-Tie in January 1990, he has covered a sales territory encompassing south Texas, Louisiana, Mississippi, the Caribbean, and South and Central America. He held the position of Education and Training Manager for the McKinney, Texas, office for six years, where he built, managed, and operated both the McKinney and Jacksonville, Fla., training centers. These training centers became accredited to offer continuing education and professional development hours to a variety of trade groups, including inspectors, architects, and contractors. In October 2001, Charlie accepted the role of Company Wide Training Manager, where his responsibilities include managing all aspects of employee training and supporting branches with their customer training initiatives. He has been part of developing a certified training program in cooperation with the NAHBRC, and helps Simpson lead the industry in promoting construction industry education.
Chuck Berryman, Ph.D.
Dr. Charles (Chuck) Berryman has served 26 years in various, and sometimes concurrent, administrative roles for academia, professional organizations, and the construction industry. He left his industry career in 1988 to join Texas A&M University as a Visiting Assistant Lecturer. He later earned his doctorate then went on to work at the University of Nebraska where he achieved promotion to Full Professor. He is currently Chair for the Bert S. Turner Department of Construction Management at Louisiana State University (LSU). Career highlights include program development for a Doctor of Philosophy in Construction Management (along with two Master of Science degree programs in the same field), Regional Director then President for the Associated Schools of Construction (ASC), member of the Board of Trustees for the American Council for Construction Education (ACCE), and Board member for LSU’s Construction Industry Advisory Board (CIAC). Dr. Berryman is heavily involved in curriculum development, program assessment, construction education, and online education at local, regional, and national levels.

Steve Nellis
Steve Nellis joined American Council for Construction Education (ACCE) as President/CEO in May 2019. He has had an active role in the ACCE since 2003 when he was selected as the National Association of Home Builders representative to the ACCE Board of Trustees. Steve brings more than 40 years of experience in management for professional construction firms and industry associations. This includes executive-level leadership in operations and human resources roles for the publicly traded firms Centex Homes and Waypoint Homes. Steve also founded a home building company specializing in sustainably constructed, energy-efficient homes and has operated a construction management and consulting firm. Steve’s past clients include the National Housing Endowment, The Home Builders Institute, Cambridge Homes, and Highlander Training Center.

Dan Belcher
Dan Belcher is the Director of Workforce Development for NCCER in Alachua Florida. As Workforce Development (WFD) Director Dan’s duties include informing and updating government, workforce, industry and education sponsors about NCCER. He is also charged with assisting organizations establish craft training programs and serves as liaison to several national committees and works closely with Skills USA and serves on the ACCE Board of Trustees. Dan hails from the great state of Texas where he was the Career and Technical Education Consultant for the Education Service Center Region XI in Fort Worth. He also served as the Director for Career and Technical Education for the Fort Worth Independent School District. Before that he served the Fort Worth ISD in a variety of positions including Principal, Vice Principal and teacher. Dan has his undergraduate degree from the University of North Carolina at Wilmington and his Masters in Education from the University of Texas Arlington.

Scott Couper
Scott Couper, Chief Operating Officer of PALA-Interstate. PALA is an Industrial Construction company operating primarily in the Gulf Coast with Baton Rouge and Houston offices. Scott has 44 years Construction experience, 42 years with PALA Work disciplines: API Storage Tank Design Prefabrication & Erection, ASME Pressure Vessel Design & Fabrication, Process Piping Fabrication & Installation, Structural Steel Erection, Civil - Concrete foundations and Helical Piles Scott’s responsibilities have included Estimating, Planning, Scheduling, Cost Control, Project Management, Contracts, Equipment Fleet, and H.R. He is on the LSU Construction Industry Advisory Board serving as Director, Past President and Treasurer. Scott received his B.S. in Construction Management at LSU. He has been a Guest Lecturer - LSU Construction Management undergraduate class. And is currently serving ACCE as a member of the ACCE Board of Trustees and participant in Visiting Teams, IAB Committee, and the Construction Workforce Education Committee.
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Get trained.
Get skilled.
Get certified.

NCCER offers standardized training, assessments and credentials for the construction industry.
In 1956, Simpson Strong-Tie made its first connector to help solve a customer's design need. Since that time the company has continued to invest in research and testing to develop new products that improve building construction and adhere to the highest quality standards. Today, our product offering includes connectors, fasteners, fastening systems, lateral-force resisting systems, anchors, and products that repair, protect, and strengthen concrete. Our commitment to helping our customers succeed is integral to everything we do from product innovation and field support to complimentary and accredited training.

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- Up to 3 hours transfer credit toward the Construction Fundamentals MicroCred.
- Up to 6 hours of transfer credits towards the Undergraduate Certificate in Construction Management.
- Up to 12 hours of transfer credits towards the Bachelor of Science in Construction Management.

Recommended Order: 1, 2, 3, 4

1. CONSTRUCTION FUNDAMENTALS
   MICROCRED® FOR COLLEGE CREDIT
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2. INTRODUCTION TO CONSTRUCTION MANAGEMENT
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In 2022, LSU Online will offer new online undergraduate and graduate degrees in Construction Management. INCOMING CREDIT (UP TO 6 HOURS)

VISIT ONLINE.LSU.EDU FOR MORE CONSTRUCTION MANAGEMENT INFORMATION

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February is Career & Technical Education Month

- Host students at your workplace
- Visit classrooms
- Donate tools
- Mentor your future employees

More information at nahb.org/studentchapters
Time doesn’t stand still. Neither should your business.

kai•ros
‘kīräs - noun (Theology)
1. a propitious moment for decision or action.

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Introduction to ACCE

The American Council for Construction Education (ACCE) is a 501(c) (3) private nonprofit corporation. The mission of ACCE is to be a leading global advocate of quality construction education and to promote, support, and accredit quality construction education programs. The primary goal is promotion and continued improvement of postsecondary construction education, specifically, ACCE accredits construction education programs in colleges, universities and workforce training that request its evaluation and meet its standards and criteria.

ACCE is recognized by the Council for Higher Education Accreditation (CHEA) as the accrediting agency for both four-year baccalaureate degree programs and two-year associate degree programs in construction, construction science, construction management, and construction technology. Organized in 1974 by the American Institute of Constructors, the constructor’s professional organization, and the Associated Schools of Construction, ACCE enjoys the support of the principle building and contracting national associations and academic institutions seeking to satisfy the needs for well-educated and trained entrants into the construction profession.

By working together under the aegis of ACCE, persons representative of the total construction community—the public at large, construction educators and constructors—establish and maintain standards and criteria for accreditation, provide guidance to those seeking to achieve accredited status, and carry out the accreditation and reaccreditation processes. In doing so, ACCE serves the interests of potential students by helping them identify institutions and programs that offer quality education in the field, and serves the interests of the industry by enabling employers to identify persons who, by reason of their education and training, have the potential for making lasting contributions to the industry and their profession. ACCE also serves the interests of owners/users of constructed facilities and the public at large by raising the professional caliber of constructors and thus the quality of the construction for which they assume responsibility.

ACCE has developed reciprocal agreements with the Chartered Institute of Building (CIOB) of the United Kingdom and the National Board for Construction Management Accreditation (NBCMA) of the People's Republic of China. The agreements recognize university degree programs accredited by CIOB and NBCMA as equivalent to baccalaureate or associate degree programs accredited by ACCE. These agreements are the culmination of a long period of evaluation by all parties, embracing academic standards' comparability, exchange of procedural information, and reciprocal observation of accreditation visits.
ACCE’s Mission

The mission of ACCE is to be a leading global advocate of quality construction education and to promote, support, and accredit quality construction education programs.

ACCE’s Purpose

The purposes for which the corporation is formed are:

• To promote and improve construction education and research at the postsecondary level;
• To engage in accrediting construction education programs offered by colleges and universities;
• To maintain procedures consistent with policies and procedures established by other accreditation agencies to which the corporation may belong;
• To publish current information concerning criteria and procedures adopted by the corporation for accrediting;
• To report the results of its activities;
• To list the colleges and universities which have or are seeking accredited programs of study in construction;
• To review at regular intervals the criteria which the corporation has adopted to evaluate programs in construction education; and
• To do any and all things necessary to carry out the purposes and conduct the business of the corporation as authorized by law.

Why choose ACCE Accreditation?

An ACCE-accredited construction education program provides assurance to students and prospective employers that the program has met stringent standards of content and quality. Program graduates are able to perform a broad range of professional responsibilities. Because programs are required to perform periodic self evaluations, industry and students are assured that the program is current with emerging technologies and requirements of the construction field.

Once accredited, the institution and construction education program can further benefit by sending representatives to ACCE events, where they can learn what other programs are doing and using. Through the networking possibilities, they can keep current with emerging technologies and instructional techniques.
Why Join ACCE as an Industry/Association Member?

- You can influence the development of the industry's future managers and leaders.
- You can participate in the evolution and improvement of accreditation standards and criteria.
- You can help monitor programs that prepare graduates who will ultimately determine the “bottom line” success of the industry.
- You can partner with local construction education programs in service and research activities.
- You can be a member of accreditation visiting teams.
- You can serve on program advisory committees.
- You can help guide accreditation requirements to ensure program graduates are well prepared to meet the professional challenges facing the industry.
- You can partner with a program to sponsor field trips, summer internships, and cooperative education activities.
- You can serve on the ACCE Board of Trustees.

To apply, complete the application(s) found at [https://www.acce-hq.org/about-membership](https://www.acce-hq.org/about-membership). Organization (Industry) dues are $2500 per year and Sustaining Association dues are $5000 per year. Individual memberships are also available for $150 per year. ACCE is a 501-c-3 corporation and is considered a charitable organization. Consult with your tax advisor regarding the possibility of dues and contributions to ACCE as being tax deductible donations.
ACCE Professional Development Certification Program

In response to the concept of quality education in construction, the American Council for Construction Education has created a Professional Development Certification program for non-degree, career-related education programs. This is an effort to recognize the providers and programs that have a quality process and content aimed at providing education other than skills training. This is NOT accreditation, as it is not aimed at degree granting programs.

Certified Providers and Programs
The following providers and their specific programs listed have met the standards established by ACCE and are currently certified for their contributions to the construction industry.

**American Society of Professional Estimators**
Certified Professional Estimator (CPE) Program

**National Association of Home Builders**
Certified Aging-in-Place Specialist (CAPS) Program
Certified Green Professional (CGB) Program

**NAWIC Education Foundation**
Estimating and Scheduling Practitioner (ESP) Program
Construction Industry Specialist (CIS) Program
Construction Industry Technician (CIT) Program
Construction Document Technician (CDT) Program
Construction Bookkeeping Technician (CBT) Program

**San Diego AGC**
Prevailing Wage Rate Specialist

Have a Construction Management Program Worthy of ACCE Professional Development Certification?
If your organization has an ongoing, continuing education program aimed at managers in the construction field, consider applying for ACCE Professional Development Certification.
For more information, visit [https://www.acce-hq.org/professionaldevelopment](https://www.acce-hq.org/professionaldevelopment)
A Note from ACCE President/CEO

The American Council for Construction Education (ACCE) is a 501(c)(3) private non-profit corporation. The mission of ACCE is to be a leading global advocate of quality construction education; and to promote, support, and accredit quality construction education programs. The primary goal is the promotion and continued improvement of postsecondary construction education. Specifically, ACCE's primary focus is to accredit construction education programs in colleges and universities that request its evaluation and meet its standards and criteria.

The Council for Higher Education Accreditation (CHEA) provides the oversight of ACCE as the accrediting agency for a four-year baccalaureate degree, two-year associate degree, and master degree programs in construction, construction science, construction management, and construction technology programs.

Based on the requests from our industry constituents, ACCE offers a Professional Development Certification (PDC) Program. The Program's purpose is to recognize industry-related professional development programs provided by educational institutions, industry associations, and private companies that meet ACCE criteria for certification.

Also, based on our industry requests, ACCE has initiated work on developing an accreditation process for Construction Workforce Education (CWE) programs, otherwise known as skilled workforce training, conducted by trade unions, colleges and universities, industry associations, and private industry organizations. More details and results of the new CWE Program will be presented in our following Annual Report.

ACCE was organized in 1974 by the American Institute of Constructors (AIC), the constructor’s professional organization, and the Associated Schools of Construction (ASC). ACCE enjoys the support of these two associations and many of the North American building and contracting associations and the academic Institutions seeking to satisfy the needs for highly qualified entry-level management personnel into the construction profession.

By working together under the aegis of ACCE, representatives of the entire construction community and the public at large, construction educators and constructors establish and maintain standards and criteria for accreditation, provide guidance to those seeking to achieve accredited status, and carry out the accreditation and reaccreditation processes. In doing so, ACCE serves potential students’ interests by helping them identify Institutions and Construction Degree Programs that offer quality education in construction management and technology. It also serves the industry’s interests by enabling employers to identify persons who, because of their education and training, have the potential for making lasting contributions to the industry and their profession.

ACCE also serves the interests of owners/users of constructed facilities and the public by raising the professional caliber of constructors and the quality of the construction they build and acquire.

ACCE has developed reciprocal agreements with the National Board for Construction Management Accreditation (NBCMA) of the People's Republic of China and The Chartered Institute of Builders (CIOB) in the United Kingdom. These agreements recognize university degree programs accredited by NBCMA and CIOB to be equivalent to Baccalaureate Degree Programs or Associate Degree Programs accredited by ACCE and the same equivalency for NBCMA and CIOB accredited Degree Programs.

Steve Nellis
President & CEO
ACCE Board of Trustees

The governing body of ACCE is its Board of Trustees. Elected annually, the Board is composed of a representative of each Sustaining Association member, educators, persons representing the public-at-large, persons representing industry, and the President, ex-officio.

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Clemson University

Dr. Mike Jackson
Clemson University

Dr. Mike Jackson
Clemson University
ACCE Committees

Executive Committee

The Executive Committee shall be responsible for conducting routine business on behalf of the Board during the period of time between the meetings of the Board and any other matters the Board may delegate to the Executive Committee during any regular or special meeting of the Board.

Officers:
- Mr. Charles Roesset, Chair
- Dr. Khalid Siddiqi, Vice-Chair
- Ms. Pam Dullum, Treasurer
- Dr. Richard Burt, Secretary

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- Mr. Rogers Hunt
- Mr. Bill Good
- Dr. Souhail Elhouar
- Dr. John Schmidt
- Dr. Charles McIntyre
- Dr. John Schaufelberger
- Ms. Joy Svoboda
- Ms. Tammy Crooks
- Dr. Charles Berryman
- Dr. Al Bleakley

Finance Committee

The Finance Committee is responsible for preparation and submission of an annual budget, development and execution of the annual plan for funding the budget, and over-sight of the budget and maintenance of the financial records of ACCE.

Chairs:
- Ms. Pam Dullum, Chair

Members:
- Professor Mikael Anderson
- Professor Lynn Artman
- Dr. Rebecca Burleson
- Dr. Sean Foley
- Mr. Bill Good
- Dr. James Jones
- Dr. Kyu Kang
- Ms. Tanya Matthews
- Mr. Murray Papendorf
- Ms. Sue Perlin
- Dr. Joey Shorter
- Mr. Dave Woods

Accreditation Committee

The Accreditation Committee is responsible for recommending accreditation actions to the Board of Trustees. This includes initial accreditation, continuance or reinstatement of accreditation, and revocation or suspension of accreditation. They are also the oversight of the development and maintenance of ACCE’s accreditation procedures and for visitor training and qualification.

Chairs:
- Dr. Chris Gordon, Chair
- Dr. John Schaufelberger, Vice-Chair
- Dr. Rod Stutt, Vice-Chair

Members:
- Dr. Richard Burt
- Professor Jim Carr
- Dr. Gerrad Delatte
- Dr. Mohamed Diab
- Ms. Pam Dullum
- Dr. Sean Foley
- Mr. Marty Garza
- Mr. John Gaver
- Professor Jim Goddard
- Dr. Cheryl Goodale
- Mr. Geno Hogan
- Ms. Susan Labas
- Mr. Paul Mattingly

Standards Committee

The Standards Committee is responsible for the development and maintenance of the Standards and Criteria against which all construction education programs seeking ACCE accreditation or reaccreditation are evaluated.

Chairs:
- Dr. Charles Berryman, Chair
- Dr. Souhail Elhouar, Vice-Chair

Members:
- Professor Alan Bond
- Dr. Tom Burns
- Ms. Marjorie Chang Fuller
- Mr. Tom Cole
- Dr. Derrek Dunn
- Dr. Jerry Gao
- Dr. Robert Hamilton
- Mr. Rogers Hunt
- Dr. Ben Ilozor
- Dr. Francois Jacobs
- Dr. Anthony Lamanna
- Dr. Sarel Levy
- Dr. Tamara McCuen
- Dr. Wallied Orabi
- Dr. Tan Qu
- Dr. Randy Rapp
- Dr. Saeed Rokooei
- Dr. John Schmidt
ACCE Committees

Council of Chairs

The Council of Chairs is responsible for reviewing the accreditation process and making recommendations to improve quality, consistency, and training for continuous improvement of accreditation.

Chair:
Dr. Souhail Elhouar, Chair

Members:
Mr. John Gaver
Dr. David Batie
Dr. Charles Berryman
Dr. Al Bleakley

Marketing and Communications Committee

Marketing and Communications Committee serves ACCE by developing a marketing plan, strategies, guidelines and overseeing consistent, effective communication aligned with the mission and the branding of ACCE.

Chair:
Ms. Joy Svoboda, Chair
Prof. Erin Vitale, Vice Chair

Members:
Mr. Dan Belcher
Dr. Jay Cournia
Ms. Susan Labas
Mr. Chip Mansfield
Dr. Warren Plugge
Dr. John Schaufelberger
Ms. Cindy Sheridan
Ms. Karima Simmons
Dr. Tulio Sulbaran
Ms. Tamie Taylor
Mr. Drew Yantis

Leadership Development Committee

The Leadership Development Committee is to identify and develop future leaders of ACCE by enabling them to become Committee Chairs, Vice-Chairs, Trustees, and Officers. This Committee may also assist in the nominating of individuals for Board of Trustees positions.

Chair:
Dr. John Schaufelberger, Chair

Members:
Dr. Cheryl Goodale
Dr. Richard Burt
Mr. John Gaver
Professor Jim Goddard
Mr. Steve Nellis

CAUCUS GROUPS

Industry Caucus

Chair:
Ms. Joy Svoboda

Members:
All Industry Representatives

Baccalaureate Degree Caucus

Chair:
Dr. Jerry Gao, Chair

Members:
All Baccalaureate Degree Program Representatives

Associate Degree Caucus

Chair:
Dr. Rod Stutt, Chair

Members:
All Associates Degree Program Representatives
ACCE Committees

Guidance Committee
The Guidance Committee provides advisory services to Construction Education Programs through document maintenance, workshops, and oversight of the Mentor Program.

Chairs:
Dr. Robert Ries, Chair

Members:
Dr. David Batie
Mr. Brad Bosher
Dr. Victoria Chen
Dr. Shima Clarke
Mr. Tom Cole
Dr. Mohamed Diab
Dr. Sean Foley
Dr. Robert Hamilton
Mr. Geno Hogan
Mr. Rogers Hunt
Dr. Ben Ilozor
Dr. Mike Jackson
Dr. Francois Jacobs
Dr. James Jones
Mr. Greg Kelly
Dr. Sarel Lavy
Dr. Tamera McCuen
Professor Steve McKeegan
Dr. Warren Plugge
Dr. Pramen Shrestha
Mr. Chris Sofie
Dr. Dimitar Todorov
Dr. Ben Obinero Uwakwe

Training Committee
The Training Committee shall be responsible for structuring appropriate training for Registered Visitors and Visiting Team Chairs.

Chairs:
Dr. Albert Bleakley, Chair
Professor Alan Bond, Vice-Chair

Members:
Professor Mikael Anderson
Dr. Rebecca Burleson
Professor Lloyd Crask
Dr. Jacob Kovel
Ms. Marjorie Chang Fuller
Dr. Mohamed Diab
Dr. Derrek Dunn
Ms. Heather Gay
Dr. Cheryl Goodale
Dr. Robert Hamilton
Dr. Mike Jackson
Mr. Greg Kelly
Dr. Anthony Lamanna
Dr. Tom Leathem
Professor Jason Peschel
Dr. Saeed Rokooei
Dr. Carlos Salgado
Dr. Lahiru Silva

Professional Development Committee
The Professional Development Committee is responsible for maintaining the organizational structure, standards, procedures, guidelines, and policies for ACCE recognition of construction education programs.

Chairs:
Ms. Tammy Crooks, Chair
Ms. Stephanie Heumann, Vice-Chair
Dr. Tulio Sulbaran, Vice-Chair

Members:
Professor Mikael Anderson
Professor Lynn Artman
Dr. Victoria Chen
Dr. Jay Cournia
Dr. Sean Foley
Mr. John Gaver
Mr. Bill Good
Mr. Rogers Hunt
Dr. Mostafa Khattab
Professor Sandeep Langar
Mr. Geoff Lobley
Professor Katie Loughmiller
Mr. Paul Mattingly
Mr. Chris Sofie
Ms. Joy Svoboda
Mr. Keith Thomas
Dr. Dimitar Todorov
Mr. Ray Zanon

Candidate Application Screening Committee

Chairs:
Dr. Chris Gordon
Dr. John Schaufelberger
Dr. Rod Stutt
Dr. Robert Ries

Learning Management Systems Taskforce

Chairs:
Mr. Marty Garza, Chair

Members:
Professor Alan Bond
Dr. Mohamed Diab
Dr. Jose Fernandez-Solis
Dr. Francois Jacobs
Dr. John Schmidt
Dr. Lahiru Silva

Awards & Scholarships Committee

The Awards and Scholarships Committee provides selection procedures and recommendations for all of the ACCE Scholarship Programs and ACCE Awards.

Chair:
Mr. Rogers Hunt, Chair
Ms. Karima Simmons, Vice Chair

Members:
Mr. Darryl Briley
Dr. Jay Cournia
Dr. Mohamed Diab
Dr. Sean Foley
Mr. Marty Garza
Dr. Dan Koo
Mr. Paul Mattingly
Dr. Joey Shorter
Dr. Tulio Sulbaran
Professor Erin Vitale
ACCE Committees

Industry Liaison Committee

The Industry Liaison Committee serves as the liaison by initiating and organizing functions to improve awareness of ACCE in the construction industry.

Chairs:
Dr. Charles McIntyre, Chair
Ms. Susan Labas, Vice-Chair

Members:
Professor Lynn Artman
Mr. Dan Belcher
Dr. Charles Berryman
Mr. Scott Couper
Dr. Robert Cox
Dr. Gerrad Delatte
Mr. David Dorsch
Mr. Rogers Hunt
Mr. Geoff Lobley
Mr. Chip Mansfield
Dr. David Martin
Mr. Paul Mattingly
Professor Steve McKeegan
Dr. Joey Shorter
Dr. Tulio Sulbaran
Ms. Joy Svoboda
Mr. Keith Thomas
Mr. Drew Yantis

Construction Workforce Committee

During the 2020 ACCE Conference Board of Trustees meeting, the discussion of our new Committee that the Apprenticeship Accreditation Task Force has initiated for us was then approved by a unanimous vote.

Dr. Mostafa Khattab and Dave Davia from the Rocky Mountain Mechanical Contractors Association worked tirelessly to assemble the documents needed to establish the first procedure and accreditation for an apprenticeship program. They are the first Programs to be accredited under the purview of the new Construction Workforce Education (CWE) Committee.

Chairs:
Mr. Bill Good, Chair
Dr. Mostafa Khattab, Vice-Chair

Members:
Mr. Gary Arnold
Mr. Dan Belcher
Mr. Darryl Briley
Mr. Ken Coggins
Mr. Tom Cole
Mr. Dennis Conway
Mr. Scott Couper
Mr. Dave Davia
Mr. Marty Garza
Mr. John Gaver
Dr. Angela Guggemos
Ms. Stephanie Heumann
Mr. Chip Mansfield
Professor Steve McKeegan
Dr. Robert Ries
Dr. Saeed Rokooei
Dr. John Schaufelberger
Ms. Heather Sherwood
Dr. Joey Shorter
Mr. Keith Thomas
Mr. Dave Woods
Mr. Greg Zick
Since 1974, the American Council for Construction Education (ACCE) has been a leading global advocate of quality construction education that promotes, supports, and accredits quality construction education programs. ACCE is a 501(c)(3) non-profit corporation.

The primary goal is promotion and continued improvement of postsecondary construction education: specifically, ACCE accredits construction education programs in colleges and universities that request its evaluation and meet its rigorous standards and criteria.

The Council offers accreditation for Degree Programs, accreditation of Construction Workforce Education Programs, and certification of industry-related professional development educational programs and examinations.

“Now we just recruit from ACCE accredited institutions. Students from accredited programs progress faster and go further in their careers.”

Gordon Marshall
Retired, Pepper Construction
OWNERS & USERS
ACCE serves the interests of owners and users of constructed facilities and the public at large by raising the professional caliber of constructors and the quality of the projects for which they assume responsibility.

STUDENTS
ACCE serves the interest of potential students by helping them identify institutions and programs that offer quality education in construction.

Students graduating from ACCE accredited and certified programs are better prepared to enter the construction industry.

INDUSTRY
ACCE accreditation and certification enables employers to identify quality employees, who by education, have the demonstrated ability to make lasting contributions to their organization and their profession.

FACULTY
Through ACCE involvement, faculty have opportunities for developing leadership, networking with peers, and keeping current with trends in construction.

"It is a privilege to work with ACCE members to advance the quality of construction education across the country. Through active participation in ACCE, I have developed a deep appreciation for the strength and diversity of ACCE’s accredited two and four-year programs."

Rebecca Burleson
Vice President / Sr. Client Executive
Linbeck

CREDIBILITY
"One of the most powerful ways to influence the future of our industry is to partner with the national accreditation process that is—and has been—key to continuous improvement of construction education. Founded in 1974, this joint effort of industry and academia created the gold standard for rigorous construction accreditation in the US, elevated the recognition of construction education on university campuses, and set accredited programs apart."

Marty Garza
Higher Education Market Leader
Bartlett Cocke General Contractors
Emeritus Board Member
ACCE Education & Research Foundation

QUALITY
"It is an honor to serve as a member of an incredible organization like ACCE, an organization driven to support construction education and our industry. With the development of the new work force education initiative, I can say with no hesitation that ACCE is the leading national accreditation agency for construction education."

Dr. Mostafa Khattab
President
Western States College of Construction

PROFESSIONALISM
For more information please contact:
Steve Nellis
President/CEO
300 Decker Drive • Suite 330
Irving, Texas 75062
Phone 972.600.8800
Steve.Nellis@acce-hq.org

www.acce-hq.org
REV 2022.01.04
ADVANTAGES OF ACCREDITATION

Promoting quality construction education since 1974, ACCE is the accrediting body that raises the standard of excellence for construction education through industry and academic partnerships. In particular, the American Council for Construction Education creates value for student, academic, industry and association stakeholders by:

- promoting rigorous accreditation;
- facilitating opportunities for networking, development and innovation;
- sharing best practices and benchmarking;
- and engaging academic and industry thought leaders.

ACCE ACCREDITATION SERVES THE INTERESTS OF:

- **Students**, by helping them identify institutions and programs that offer quality construction education. ACCE-accredited programs offer unique opportunities for learning both in the classroom and in the field.

  The career experiences that students encounter—through internships, student competitions, labs, and jobsite tours—complement classroom work and prepare graduates for success in the profession. In addition, ACCE accredited programs engage Industry Advisory Boards that meet with program faculty members, participate in classrooms, conduct field trips and provide internships.

- **The Construction Industry**, by enabling employers to identify persons who have the potential for making lasting contributions to the construction industry and their profession, and

- **Owners/Users of Constructed Facilities and the Public at Large**, by raising the professional caliber of constructors and thus the quality of the construction for which they assume responsibility.

ACCE accredited program graduates are in high demand.

- **a.** Academically prepared in construction methods used in multiple industry sectors.
- **b.** Adept at contemporary technology applications.
- **c.** Experienced with hands-on construction practices.
- **d.** Aware of the need for safety and safety culture.
- **e.** Committed to continuous improvement.
- **f.** Able to lead projects and teams.
SPECIFICALLY, ACCREDITATION OF A CONSTRUCTION EDUCATION PROGRAM BY ACCE ASSURES:

1. Students and prospective employers that the program has met stringent industry standards of content and quality.

   “Now we just recruit from ACCE accredited institutions. Students from accredited programs progress faster and go further in their careers.”
   —Gordon Marshall, Retired, Pepper Construction

2. Program graduates have been provided a quality education enabling them to perform a broad range of professional responsibilities.

   “Regional accrediting bodies ensure the University as a whole meets national standards of quality education, but it is professional accreditation processes at the program level that ensure graduates possess the requisite skills and knowledge for success in the industry and that their future employers are able to influence the content of academic programs serving specific fields of study.”
   —Marty Garza, President, AGC Foundation
   Bartlett Cocke General Contractors

3. Demonstrates to the construction industry and students that the program performs periodic self-evaluations to keep current with emerging technologies and requirements of the construction industry.

   Accreditation by ACCE assists an institution and its construction education program in maintaining contact with other programs and practicing construction professionals, and enables the program to:
   a) Keep current with emerging technologies in the field.
   b) Increase awareness of current courses, facilities and services provided by other accredited programs.
   c) Improve instructional techniques; and
   d) Access construction industry contacts nationwide.
ACCE involves construction industry professionals in each step of its accreditation process to ensure students are work-ready upon graduation.

ACCE accreditation is the result of an academic-industry partnership to develop and maintain comprehensive program and curriculum standards that prepare graduates for success in the industry. A major component of ACCE accreditation is continuous program quality improvement.

ACCE accreditation is the standard of excellence for construction education that is widely recognized throughout the construction industry since 1974.

Regional accrediting bodies ensure the University as a whole meets national standards of quality education. But it is professional accreditation processes at the program level that ensure graduates possess the requisite skills and knowledge for success in the industry and this enables their future employers to influence the content of academic programs serving specific fields of study.

Marty Garza
President AGC Foundation, Bartlett Cocke General Contractors

*If not accepted for Site Visit, rework Self Study.
ACCREDITATION PROCESS TIMELINE

To initiate the process, the institution desiring to pursue ACCE accreditation contacts the ACCE President to obtain relevant documentation. Documents are available at https://www.acce-hq.org/accreditation-process. The ACCE President will provide guidance on their use. Contact the ACCE office by phone at (972) 600-8800 or by email at acce@acce-hq.org.

**STEP 1**

**FIRST DAY**

The Institution provides ACCE with an application for Candidate Status. A Program may remain in Candidate Status for five years.

**STEP 2**

**1 WEEK**

ACCE will set up a OneDrive folder for the Program to upload their documents. ACCE will send invoice for $500 Application Fee

ACCE will provide a Mentor to assist with the documentation and preparations.

**STEP 3**

**2-12 WEEKS**

The Program uploads their documents to the OneDrive folder.

**STEP 4**

**2 WEEKS**

ACCE reviews the submitted documents to determine whether or not to admit the Program into Candidate Status.

**STEP 5**

**4-8 WEEKS**

The Program develops their Self-Evaluation Study and submits the document via OneDrive for ACCE review.

**STEP 6**

**6 MONTHS**

If the review of the Self-Evaluation Study indicates that the Program is ready for a site visit, a Visiting Team is organized and a visit scheduled. If issues remain that require resolution, the site visit will be deferred until they are corrected.

**STEP 7**

**3 MONTHS**

A site visit is conducted to verify the contents of the Self-Evaluation Study and that the program is in compliance with ACCE standards. ACCE will send an invoice for a $4,000 fee to cover costs of visit.

**STEP 8**

**2-4 WEEKS**

The Visiting Team submits a report of the site visit to the ACCE Board of Trustees who makes the final decision regarding award of accreditation during one of ACCE’s Semi-Annual Conferences

**STEP 9**

**2 WEEKS**

ACCE notifies the institution immediately of the Board decision. A letter to the Institution is sent regarding the terms of the award of accreditation. Annual Accreditation Fee is $2,750.
ACCE’s mission and goal are to promote and support the highest quality construction education. To extend these efforts, ACCE has implemented a Professional Development Certification Program to recognize industry-related professional development programs and examinations that meet ACCE educational certification criteria. This includes programs and examinations offered by Educational Institutions, Industry Associations, and private companies. ACCE has established certification standards and a process for evaluating submitted documentation to ensure compliance with the standards.

ACCE CERTIFICATION BENEFITS

Program and Examination Participants by helping them identify providers of quality professional development education programs and examinations.

Program and Examination Providers by providing certification standards and peer reviews to validate compliance and enabling the use of ACCE Certification in promoting the value of programs and examinations.

Construction Industry by enabling employers to identify quality professional development programs and examinations for their employees and to recognize the value of completion of certified programs and examinations when recruiting new employees.
Sustaining Association Membership Application

A construction industry-related professional association, society, institute, or foundation can influence the educational experience of future construction leaders by becoming a Sustaining Association Member of the ACCE. Sustaining Association Members are able to influence the educational experience of future construction leaders through their representatives’ participation on ACCE Board of Trustees and to network with other industry members and academic leaders to promote quality construction education.

➢ Sustaining Association Members shall appoint one representative to serve on the Board of Trustees. This representative shall have authority to act for the association in all matters relating to ACCE. The representative preferably should be an industry practitioner or a construction educator.
➢ Sustaining Association Member representatives may participate as members of the Educator or Industry Caucus and may be appointed to ACCE committees.
➢ Logos for Sustaining Association Members will be prominently displayed on ACCE correspondence and website. Also, a display table at each of the ACCE Annual and Mid-Year Meetings will be provided for the Sustaining Association Member.

Annual fee for Sustaining Association Membership level is $5,000 per year, which includes registration for one representative at both annual and mid-year meetings.

Believing in the goals and objectives of the American Council for Construction Education, we apply to become a Sustaining Association Member.

Name of Association / Organization: ________________________________

Contact information of the representative that will serve on the Board of Trustees and participate in other ACCE activities:

Name: ________________________________ Title: ________________________________

Address: ________________________________

City: ________________________________ State: ____________ Zip: ____________

Cell Phone: ________________________________ Work Phone: ________________________________

Email: ________________________________

Signature: ________________________________ Date: ________________________________

Principal Activity of Association

☐ Education  ☐ Construction Industry  ☐ Professional Society

☐ Public Interest  ☐ Trade Association  ☐ Other

The Corporate Member Representative is invited to attend the following committee meetings which are open to all attendees at ACCE Mid-Year and Annual meetings. Please select the committee(s) that you would like to get involved with.

☐ Finance Committee – responsible for development of annual budget and oversight of budget execution

☐ Guidance Committee – responsible for assisting academic programs achieve initial accreditation and re-accreditation.

☐ Industry Liaison Committee – responsible for enhancing the relationship between ACCE and the construction industry

☐ Marketing and Communications Committee – responsible for development of a marketing plan and communications resources to increase awareness of and participation in ACCE.

☐ Standards Committee – responsible for development of standards and criteria for ACCE accreditation

☐ Training Committee – responsible for conducting training for members of visiting teams

Please email the completed form to ACCE@ACCE-HQ.org. We will then send an invoice to the Representative. We now accept credit cards, ACH, and checks as forms of payment.

Steve Nellis
President / CEO
American Council for Construction Education
300 Decker Drive, Suite 330
Irving, TX 75062

The American Council for Construction Education (ACCE) is an IRS 501(C)(3) organization.
Corporate Membership Application

Any company or corporation having an interest in the construction industry or in construction education that desires to contribute knowledge or support to ACCE may become a Corporate Member.

➢ Each Corporate Member shall appoint, in writing, a person to serve as its representative. The representative should be an industry practitioner.
➢ Corporate Member representatives may participate as members of the Industry Caucus and may be appointed to any ACCE committees for which they meet qualifications.
➢ If selected by the Board of Trustees, Corporate Member representatives may serve as an officer or member of the Board of Trustees.
➢ Corporate Member representatives will be invited to the Annual Industry Advisory Board Workshop held just prior to the ACCE midyear meeting. Separate registration for the workshop will be required.
➢ Annual dues for Corporate Members is $2,500 per year which includes registration for one representative at both annual and mid-year meetings.

Believing in the goals and objectives of the American Council for Construction Education, we apply to become a Corporate Member.

Name of Corporation ________________________________

Name: ___________________________ Title: ________________

Address: ________________________________

City: ___________________________ State: ___________ Zip: ___________

Cell Phone: ___________________________ Work Phone: ___________________________

Email: ________________________________

Signature: ___________________________ Date: ___________________________

REV.2020.01.02
The Corporate Member Representative is invited to attend the following committee meetings which are open to all attendees at ACCE Mid-Year and Annual meetings. Please select the committee(s) that you would like to get involved with.

- Finance Committee – responsible for development of annual budget and oversight of budget execution
- Guidance Committee – responsible for assisting academic programs achieve initial accreditation and re-accreditation.
- Industry Liaison Committee – responsible for enhancing the relationship between ACCE and the construction industry
- Marketing and Communications Committee – responsible for development of a marketing plan and communications resources to increase awareness of and participation in ACCE.
- Standards Committee – responsible for development of standards and criteria for ACCE accreditation
- Training Committee – responsible for conducting training for members of visiting teams

Please email the completed form to ACCE@ACCE-HQ.org. We will then send an invoice to the Representative. We now accept credit cards, ACH, and checks as forms of payment.

Steve Nellis  
President / CEO  
American Council for Construction Education  
300 Decker Drive, Suite 330  
Irving, TX 75062

The American Council for Construction Education (ACCE) is an IRS 501(C)(3) organization.
Industry Advisory Board Membership Application

Any Industry Advisory Board that supports an ACCE accredited construction education program that has an interest to contribute knowledge or support to ACCE may become an Industry Advisory Board (IAB) Member.

➢ Each IAB Member shall appoint, in writing, a person to serve as its representative. The representative must be a member of the affiliated program’s IAB.
➢ IAB Member representatives may participate as members of the Industry Caucus and may be appointed to any ACCE committees for which they meet qualifications.
➢ If selected by the Board of Trustees, IAB Member representatives may serve as an officer or member of the Board of Trustees.
➢ IAB Member representatives will be invited to the Annual Industry Advisory Board Workshop held just prior to the ACCE midyear meeting. Separate registration for the workshop will be required.
➢ Annual dues for IAB Members are $2,000 per year. This includes registration fees for one representative at the ACCE Annual and ACCE Midyear meetings, and for the ACCE IAB Event.

Believing in the goals and objectives of the American Council for Construction Education, we apply to become an Industry Advisory Board Member.

Name of Industry Advisory Board: ____________________________________________

Name of Representative: ____________________________________________ Title: __________________

Address: ____________________________________________

City: __________________ State: _________ Zip: _________

Cell Phone: __________________ Work Phone: __________________

Email: __________________

Signature: __________________ Date: __________________

The Industry Advisory Board Representative is invited to attend the following committee meetings which are open to all attendees at ACCE Midyear and Annual meetings. Please select the committee(s) that you would like to get involved with.

- **Finance Committee** – responsible for development of annual budget and oversight of budget execution
- **Guidance Committee** – responsible for assisting academic programs achieve initial accreditation and re-accreditation.
- **Industry Liaison Committee** – responsible for enhancing the relationship between ACCE and the construction industry
- **Marketing and Communications Committee** – responsible for development of a marketing plan and communications resources to increase awareness of and participation in ACCE.
- **Standards Committee** – responsible for development of standards and criteria for ACCE accreditation
- **Training Committee** – responsible for conducting training for members of visiting teams

Please email the completed form to ACCE@ACCE-HQ.org. We will then send an invoice to the Representative. We now accept credit cards, ACH, and checks as forms of payment.

Steve Nellis  
President / CEO  
American Council for Construction Education  
300 Decker Drive, Suite 330  
Irving, TX 75062

The American Council for Construction Education (ACCE) is an IRS 501(C)(3) organization.
Individual Membership Application

A person having an interest in the construction industry or in construction education or in providing goods or services to construction professionals and/or educators may become an Individual Member. Individual Members are able to influence the educational experience of future construction leaders through their participation on ACCE committees and to network with other industry members and academic leaders to promote quality construction education.

Individual Member representatives may participate as members of the Industry Caucus and may be appointed to ACCE committees for which they are qualified.

Annual membership fee for $150.00 per year, with the initial year’s membership being reduced to $75.00.

Believing in the goals and objectives of the American Council for Construction Education, I am applying to become an Individual Member of ACCE.

Name: ___________________________  Title: ___________________________
Address: ___________________________
City: ___________________________  State: _________  Zip: _________
Cell Phone: _________________________  Work Phone: _________________________
Email: ___________________________
Signature: ___________________________  Date: ___________________________

Principal Activity

☐ Education  ☐ Construction Industry  ☐ Professional Society
☐ Public Interest  ☐ Trade Association  ☐ Other
An Individual Member is invited to attend the following committee meetings which are open to all attendees at ACCE mid-year and annual meetings. Please select the committee(s) that you would like to get involved with.

- Finance Committee – responsible for development of annual budget and oversight of budget execution

- Guidance Committee – responsible for assisting academic programs achieve initial accreditation and re-accreditation.

- Industry Liaison Committee – responsible for enhancing the relationship between ACCE and the construction industry

- Marketing and Communications Committee – responsible for development of a marketing plan and communications resources to increase awareness of and participation in ACCE.

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Please email the completed form to ACCE@ACCE-HQ.org. We will then send an invoice to the Representative. We now accept credit cards, ACH, and checks as forms of payment.

Steve Nellis
President / CEO
American Council for Construction Education
300 Decker Drive, Suite 330
Irving, TX 75062

The American Council for Construction Education (ACCE) is an IRS 501(C)(3) organization.
## IAB Event Roster

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
<th>Email Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gary Arnold</td>
<td>Denver Pipefitters Local #208</td>
<td><a href="mailto:gary@pipe208.com">gary@pipe208.com</a></td>
</tr>
<tr>
<td>Sherif Attallah</td>
<td>Ball State University</td>
<td><a href="mailto:soattallah@bsu.edu">soattallah@bsu.edu</a></td>
</tr>
<tr>
<td>Rachel Axness</td>
<td>Minnesota State University, Moorhead</td>
<td><a href="mailto:rachel.axness@mnstate.edu">rachel.axness@mnstate.edu</a></td>
</tr>
<tr>
<td>Dan Belcher</td>
<td>NCCER</td>
<td><a href="mailto:dbelcher@nccer.org">dbelcher@nccer.org</a></td>
</tr>
<tr>
<td>Charles W Berryman</td>
<td>Louisiana State University</td>
<td><a href="mailto:cberryman@lsumail.net">cberryman@lsumail.net</a></td>
</tr>
<tr>
<td>Albert Bleakley</td>
<td>Florida Institute of Technology</td>
<td><a href="mailto:ableakley@cfl.rr.com">ableakley@cfl.rr.com</a></td>
</tr>
<tr>
<td>Joel Carroll</td>
<td>Sanderson Construction</td>
<td><a href="mailto:tony@sandersonconstruction.com">tony@sandersonconstruction.com</a></td>
</tr>
<tr>
<td>Marjorie Chang Fuller</td>
<td>Hoffman Construction Company</td>
<td><a href="mailto:marjorie-changfuller@hoffmancorp.com">marjorie-changfuller@hoffmancorp.com</a></td>
</tr>
<tr>
<td>Tom Cole</td>
<td>ACCE individual Member</td>
<td><a href="mailto:vtomcole@gmail.com">vtomcole@gmail.com</a></td>
</tr>
<tr>
<td>Scott Couper</td>
<td>Pala &amp; LSU CIAC</td>
<td><a href="mailto:scouper@palagroup.com">scouper@palagroup.com</a></td>
</tr>
<tr>
<td>David Davia</td>
<td>Rocky Mountain MCA</td>
<td><a href="mailto:dave@mmnca.org">dave@mmnca.org</a></td>
</tr>
<tr>
<td>Jean-Claude Davidson</td>
<td>Hensel Phelps</td>
<td><a href="mailto:JDavidson@henselphelps.com">JDavidson@henselphelps.com</a></td>
</tr>
<tr>
<td>Gerrad Delatte</td>
<td>Excel USA</td>
<td><a href="mailto:gdelatte@excelusa.com">gdelatte@excelusa.com</a></td>
</tr>
<tr>
<td>David Ellingson</td>
<td>Ellingson Contracting</td>
<td><a href="mailto:David@ellingsoncontracting.com">David@ellingsoncontracting.com</a></td>
</tr>
<tr>
<td>George Ford</td>
<td>Mississippi State University</td>
<td><a href="mailto:gdf53@msstate.edu">gdf53@msstate.edu</a></td>
</tr>
<tr>
<td>Dhaval Gajjar</td>
<td>Clemson University</td>
<td><a href="mailto:dhavalgaj@gmail.com">dhavalgaj@gmail.com</a></td>
</tr>
<tr>
<td>Allen Galloway</td>
<td>ACCE individual Member</td>
<td><a href="mailto:galloway.allen@yahoo.com">galloway.allen@yahoo.com</a></td>
</tr>
<tr>
<td>Yadeliz Feliciano</td>
<td>Dunwoody College of Technology</td>
<td><a href="mailto:hgay@dunwoody.edu">hgay@dunwoody.edu</a></td>
</tr>
<tr>
<td>Melanie Goerke</td>
<td>Michigan State University IAB</td>
<td><a href="mailto:melaniegoerke45@gmail.com">melaniegoerke45@gmail.com</a></td>
</tr>
<tr>
<td>Stephanie Goins</td>
<td>CCDI Inc</td>
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<tr>
<td>William Good</td>
<td>Roofing Alliance</td>
<td><a href="mailto:bgood1414@gmail.com">bgood1414@gmail.com</a></td>
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<tr>
<td>Anthony Gulino</td>
<td>ISC Constructors, L.L.C.</td>
<td><a href="mailto:agulino@iscgrp.com">agulino@iscgrp.com</a></td>
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<tr>
<td>Jason Hellerud</td>
<td>MSUM</td>
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<tr>
<td>Vonel Teragene</td>
<td>Georgia Institute of Technology</td>
<td><a href="mailto:javier.irizarry@gatech.edu">javier.irizarry@gatech.edu</a></td>
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<tr>
<td>Scott Jennings</td>
<td>Moeller Purcell Construction Company</td>
<td><a href="mailto:scott@moellerpurcell.com">scott@moellerpurcell.com</a></td>
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<tr>
<td>Richard Gebken</td>
<td>Missouri State University</td>
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<tr>
<td>Douglas Fronick</td>
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</tr>
<tr>
<td>Mostafa Khattab</td>
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<tr>
<td>Susan Labas</td>
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</tr>
<tr>
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<td>Arizona State University</td>
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<tr>
<td>Richard Leigh</td>
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</tr>
<tr>
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</tr>
<tr>
<td>Vik Aurora</td>
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<td><a href="mailto:vikhaas.a@focuseduvation.com">vikhaas.a@focuseduvation.com</a></td>
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## IAB Event Roster (cont)

<table>
<thead>
<tr>
<th>Name</th>
<th>Organization</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Noelle Kendrick</td>
<td>Focus EduSolutions</td>
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<tr>
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</tr>
<tr>
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<tr>
<td>Farmin Moayed</td>
<td>Indiana State University</td>
<td><a href="mailto:Farman.AminMoayed@indstate.edu">Farman.AminMoayed@indstate.edu</a></td>
</tr>
<tr>
<td>Chris Morton</td>
<td>American Society of Professional Estimators</td>
<td><a href="mailto:cmortonfcpe@outlook.com">cmortonfcpe@outlook.com</a></td>
</tr>
<tr>
<td>Aaron Morton</td>
<td>Allan Myers</td>
<td><a href="mailto:aaron.myers@allanmyers.com">aaron.myers@allanmyers.com</a></td>
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<tr>
<td>Steve Nellis</td>
<td>ACCE</td>
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</tr>
<tr>
<td>Murray Papendorf</td>
<td>Amazon</td>
<td><a href="mailto:mpapendo@amazon.com">mpapendo@amazon.com</a></td>
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<tr>
<td>Michael Prochazka</td>
<td>Michigan State University IAB</td>
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<tr>
<td>Timothy Prochko</td>
<td>Michigan State University IAB</td>
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<tr>
<td>Steve Williams</td>
<td>Seminole State College of Florida IAB</td>
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<tr>
<td>Charlie Roesset</td>
<td>Simpson Strong Tie</td>
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</tr>
<tr>
<td>John Schaufelberger</td>
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</tr>
<tr>
<td>Jeffrey Schropshire</td>
<td>C.W. Matthews Contracting Co., Inc.</td>
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<td>Sally Swearingen</td>
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<td>Fan Zhang</td>
<td>University of Southern Mississippi</td>
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</table>
Call to Order - Susan Labas

Susan Labas is a Senior Associate and Director of Marketing for van Zelm Heywood Shadford Inc., a national mechanical and electrical consulting engineering firm specializing in the design of highly sustainable building systems. Prior to joining van Zelm, Susan worked for the Konover Construction Corporation (now KBE Building Corporation) where she held a number of positions, including Manager of Business Development and Manager of Tenant Construction. Earlier in her career Susan worked for Rensselaer Polytechnic Institute as part of a joint venture with the United Technologies Corporation that pioneered distance learning to the workplace.

A member of the Industry Advisory Board of the Central Connecticut State University Construction Management Department since 2004, Susan recently completed a two-year term as IAB Chair. She has served as a member of the Board of Trustees for the American Council of Construction Education (ACCE) – the national accrediting body for construction management programs. Her activities for ACCE include serving on the Accreditation Committee, Accreditation Assessment visits, serving on the Marketing Committee and as Vice Chair for the Industry Liaison Committee. She has been a member of the Central Connecticut State University (CCSU) CM IAB since 2004 and is also a member of the CCSU President's Advisory Board.

Susan earned an M.S. degree in Management from Rensselaer Polytechnic Institute and a B.A. from Vassar College. She is a Certified Professional Services Marketer.

NOTES
IAB Self-Assessment and Benchmarking

PRESENTER
Charles McIntyre, Ph.D
Retired, IUPUI

On an annual basis, all ACCE committees perform a self-assessment of their meetings and activities (what did we do and how well did we do it?). ACCE Accreditation Standards require “Outcomes Based Assessment” for all construction programs (what did we do and how well did we do it?). Following that line of logic and accountability, the IAB of an ACCE accredited construction program should ask the same questions - what did we do and how well did we do it? This session provides the practical tools on how to accomplish that challenge.

The value of IAB Self-Assessment and Benchmarking is that it provides a stepping-stone for further discussion and action and can ensure organizational accountability for the IAB. On behalf of the constituents of the academic program, an IAB must ensure that the IAB organizational and support resources are effectively used. Through periodic performance assessments and evaluations an IAB can identify methods to enhance IAB operations and the services provided to the academic program.

With that said, please tell us what you think . . . .

Charlie McIntyre received his Ph.D. in civil engineering from Pennsylvania State University. Before joining IUPUI in 2014, he had a distinguished career in higher education at North Dakota State University, including service as interim department chair and graduate program coordinator within the Department of Construction Management and Engineering. He also served as an instructor and assistant professor of civil and environmental engineering at Pennsylvania State University. Prior to his work in higher education, Charlie served K-12 education as an elementary school teacher at St. Anthony School District in Newfoundland, Canada, and as a high school teacher at Assabet Valley Technical High School in Marlboro, Massachusetts.

His industry experience includes serving as a superintendent for Hopkinton, Massachusetts Public Works, and a Project Manager for Davna Corporation in Millis, Massachusetts, as well as serving as an independent engineering consultant in the area of design, construction, and testing of water distribution and wastewater collection systems in Massachusetts. Charlie joined IUPUI as a clinical professor and director of the construction engineering management technology (CEMT) program and oversaw a significant transformation of the program, including substantial changes to the curriculum and revision of the B.S. degree program from CEMT to Construction Management (CM). This transformation also included seeking inaugural accreditation from the American Council for Construction Education (ACCE), which was successfully approved in 2019. Charlie also played the leading role in expanding the participation of the construction management program's industrial advisory board (IAB). The construction management IAB is an exemplary within the School of Engineering and Technology and among the most productive boards in the entire United States. Finally, Charlie has been a sustained supporter and leader at the national level within the American Society for Engineering Education (ASEE). We are most grateful for Dr. Charlie McIntyre's many contributions within the School of Engineering and Technology as program director, colleague, and friend.
Developing a Tactical Roadmap for Your IAB

PRESENTERS
Richard Gebken, Ph.D., Missouri State University | Doug Fronick, APAC-Central, Inc.

Industry Advisory Boards (IABs) are not only a requirement of ACCE but also a resource for construction management programs. IAB Members are sought out for their leadership qualities and industry knowledge. Private sector leaders are particularly results-oriented, expect timely follow-through, and have their own vision and ideas regarding what a Construction Management Program needs. A tactical roadmap is an excellent tool for defining an IAB’s direction and establishing a process that gets all stakeholders engaged and pulling in the same direction. This session will examine how one school transitioned its IAB from an academic-driven to an industry-driven organization with higher engagement and better support for its construction management program. In the end, this session should demonstrate how programs can create their own roadmap, the elements it must include, and how to build accountability for implementation.

Dr. Richard J. Gebken is an Associate Professor in the Department of Technology and Construction Management at Missouri State University where he holds the McBride & Son Homes Professorship and serves as Construction Management Program Coordinator. Since joining the university in 2006, Dr. Gebken has taught both undergraduate courses in Construction Management and graduate courses in Business Administration and Project Management. He served for seven years as a Regional Director for the Associated Schools of Construction and is currently the organization’s Treasurer. Dr. Gebken is also a board member and Vice-President for Sigma Lambda Chi. His research interests include construction law, alternative dispute resolution, and pedagogical inquiry. Dr. Gebken received his Ph.D. from the University of Texas at Austin and a master's degree from Virginia Tech.

Doug Fronick is the Estimating Manager for APAC-Central, Inc. Southern Missouri. Doug graduated from Missouri State University in 2002 with a bachelor’s degree in Construction Management. Doug started his career as an intern with APAC during his time in Springfield, MO, and then spent 10 years estimating and managing DOT projects throughout the region. Doug joined Missouri State's Construction Management Advisory Board (CMAB) in 2013 and was elected President in 2015. Over his three-year term, Doug was instrumental in reshaping the CMAB including its mission, strategic plan, and organizational structure. He is still active on the CMAB Executive Committee and regularly participates in both student and alumni committee work. Outside of his professional career, Doug spends the majority of his time as an active participant in his four kid’s activities such as soccer, baseball, and scouts.
Developing a Tactical Roadmap for Your IAB

Presentation Slides

Developing a Tactical Roadmap for Your IAB

Growth of the CM Program

- CM program founded in the early 1970s
- For almost 30 years, only minor changes and steady enrollment of 80 students was the norm
- In 2002, the CM program (an option under the comprehensive B.S. in Industrial Management) changed to conform to ACCE standards, and enrollments began to grow

History of Our CMAB

- The CMAB’s initial meetings started in 2000 at the request of the University President
- The CMAB was later formalized by the adoption of Bylaws in 2008
- Currently the CMAB is made up of 36 member organizations

Growth of the CM Program

- In 2005 a comprehensive major (B.S.) in CM was created to meet ACCE requirements
- Today, the CM program has over 240 students and 5 full-time faculty

CMAB Development

THE ONGOING JOURNEY

- Sep. 2015 SWOT Analysis
- Apr. 2016 MSU CMAB Benchmarking Survey
- May 2017 Major Bylaws Revision
- Feb. 2016 CMAB Strategic Plan Retreat
- Aug. 2016
Developing a Tactical Roadmap for Your IAB

Presentation Slides

III

SWOT Analysis

SEPTMBER 2015

• Schedule as part of CMAB fall meeting
• Participants, both industry and faculty, self-selected their discussion group
• Examined 4 areas
  • Benefits to board & benefits to program/department
  • Purpose of the board
  • Alumni
  • Useful activities and better meetings

III

CMAB Development

THE ONGOING JOURNEY

III

ACCE IAB Best Practices Event

THE LATE-NIGHT EMAIL

• “Developing a Strategic Marketing Plan for your CM Programs and IABs” – Fisher, McLean, and Ware (The Ohio State University)
• “Restructuring a Construction Management Industry Advisory Board – A Case Study” – Hauck (Cal Poly – SLO)
• “Developing a “High-Impact” Industry Advisory Board” – McIntyre and Fox (IUPUI)
  • IAB Best Practices
  • IAB Benchmarking

III

IAB BENCHMARKING

SUMMARY OF FINDINGS

• Need more management structure to promote active members and a leadership pipeline
  • Committee structure
  • Work outside of two general meetings by using subcommittees
• Review of Bylaws needed
  • How we are operating compared to the way the Bylaws are written
  • May need to change them to how we want to proceed
• Develop a mission statement and strategic plan
  • When you don’t know where you want to go, then any road will do
  • If we are not specifically clear with what we hope to be doing say in 5 years, how do we really know where direction we need to go today?
Developing a Tactical Roadmap for Your IAB

Presentation Slides

CMAB Development
THE ONGOING JOURNEY

- Sep. 2015: SWOT Analysis
- Apr. 2016: MSU’s CMAB Benchmarking Survey
- May 2017: Major Bylaws Revision

CMAB Strategic Planning Event
AUGUST 2016
- CMAB funds used to hire an external facilitator
- Scheduled 9 AM - 4 PM
  - Morning session – develop a mission statement
    - “The Construction Management Advisory Board supports the Construction Management Program through advocacy, development, and engagement.”
  - Afternoon session – Set committee SMART goals
    - Students, Faculty & Program, Alumni, and Industry & Community

CMAB Bylaws Revisions
SUMMARY OF MAJOR CHANGES
- Changed name of group
  - Construction Management Industry Advisory Council to Construction Management Advisory Board
- Updated group’s purpose to reflect the new mission statement
- Modified board composition
  - No more than 75% can be GC members
  - No more than 75% can be alumni members
- Added termination of membership language
- Allowed for non-member participation (industry professionals and alumni) on committees

CMAB Bylaws Revisions
CREATED COMMITTEE STRUCTURE
- Standing committees - chaired by industry with a faculty liaison
  - Students, Faculty & Program, Alumni, and Industry & Community
- Executive Committee
  - President, Vice-President, Committee Chairs, and CM Program Coordinator
- Ad-hoc Committees as needed
Developing a Tactical Roadmap for Your IAB

Presentation Slides

Creating a Plan

**BOTH STRATEGIC & TACTICAL ASPECTS**

- The mission and purpose of the CMAB established a broad, forward-looking picture of what was desired
- The committees' SMART goals work was incorporated into the bylaws and strategic plan
- Tactical plans are reviewed at each meeting
  - Fall: review/revise plans for the current academic year
  - Spring: review progress of committees

Committee Goals & Tactics

**STUDENTS**

- Develop a platform of exchange and interaction between the CMAB and the department that will enhance the experience and success of the student.
  1. Update/revise advisory board display
  2. Establish consistent CMAB presence to Freshmen every semester.
  3. Attend construction club meetings & other events to establish rapport.
  4. Promote one-on-one and/or mentorship opportunities for students.

**FACULTY & PROGRAM**

- Support department goals and industry needs by identifying/attracting quality faculty candidates and ensuring current industry best practices are appropriately integrated into the CM program.
  1. Review classes and curriculum to identify areas of improvement.
  2. Discuss and recommend topical content that addresses new and changing industry issues.
  3. Identify, refer, and screen qualified faculty candidates.
  4. Work with faculty on identifying and filling program needs including equipment, physical plant, research technology, etc.

Committee Goals & Tactics

**ALUMNI**

- Increase communication and purposeful engagement with alumni.
  1. Increase the number of Alumni actively involved in the program.
  2. Facilitate networking and development opportunities for Alumni.
  3. Develop/grow available resources for the program.
  4. Increase quantity and quality for methods to interact with Alumni.

**INDUSTRY & COMMUNITY**

- Connect program (faculty and students) to advisory board members, to the broader design and construction industry, and increase visibility/engagement with the local community.
  1. Facilitate increased connections to middle and high school students.
  2. Strengthen ties to professional organizations -- begin with AGC.
  3. Assist with efforts to market the program to potential students, employers, and the community.

Notable Developments

- CMAB student worker
- CMAB scholarship
- CMAB resource wall
- CMAB senior exit interviews
- CMAB new member marketing material
  - Print and video
- CMAB roundtable events
- Alumni newsletter
- Alumni events

Questions
Construction industry is facing a significant workforce challenge resulting in knowledge loss. Essential, competitive, critical knowledge is walking out the door daily, so addressing the issue is a priority. With baby boomers reaching retirement age, highly experienced employees are leaving en masse taking with them decades of intellectual capital in strategies, products, services, relationships, and how-to - invaluable organizational memory. This session will focus on encapsulating workforce demographics in southeast region and the urgency to develop and implement knowledge transfer strategies.

Dr. Dhaval Gajjar has extensive project management experience in the construction industry with TEPCON Construction and Harkins Theatres managing retrofit, remodel and renovation projects for large commercial buildings. He teaches the Construction Science & Management's materials and methods courses (Concrete, Wood, Steel, Stone, Wood, Roofing, Cladding, Finishes) with his research focus on Performance Metrics, Expertise Based Procurement, Construction Workforce, Facility Management.

Dhaval serves as the faculty advisor for the student chapter of Associated Builders and Contractors, Inc. Member of the International Facility Management Association. Also serves as a reviewer for multiple national conferences and journals.

Dr. Vivek Sharma is an Assistant Professor at Clemson University and an Accounts Manager for National Health Care Facility Benchmarking Program. Dr. Vivek Sharma is focused on benchmarking and project analytics-based healthcare research that advances capital project performance assessment. He is also interested in conducting healthcare research in a more holistic way to explore the impact of early programmatic and design decisions on facilities and patient outcomes. Dr. Vivek Sharma helped develop and implement an external Healthcare Benchmarking Program for the healthcare construction industry and Construction Industry Institute (CII) funded by the U.S. Department of Veteran Affairs (VA) and the U.S. Department of Defense (DoD) / Military Health System (MHS). And, now as an account manager at Clemson University for a project funded by CII that includes working with healthcare industry partners such as Kaiser Permanente, HCA, Adventist, AECOM, etc. to build a robust healthcare database. In addition, he is a member of the American Society of Healthcare Engineers (ASHE – since 2016), American Society of Civil Engineers (ASCE – Since 2018). He chairs Deployment (Healthcare Benchmarking and Professional Development) sub-committee under the Facilities and Healthcare Sector Committee for the Construction Industry Institute (CII) at the University of Texas, Austin.
Workforce Demographics and Knowledge Transfer

Presentation Slides

Introduction – Let’s Start With The Basics

Devil
Jaguar
Schwarm

2006 - 2008

What are we here today?

What Should We Know About Workforce?
Why Should We Care About Workforce?
How Does Workforce Look Like in the Southeast Region?

First attempt...

• Business Case
  Identify and work the present needs of the construction industry in this region.
  Close-Up/Warranty
  Workforce Demographics
  Safety Performance
  Etc.

Generational Shift

Industry Evolution

Prior to 1990
1990
2000
2010
2020

Long-term Partnership
Create a steering committee comprised of ACCE-UCD partner members to allow meaningful academic-industry partnership for sustained innovation and better business outcomes.

Who?

Industry – Academic Partnership

To share knowledge and learn from one another while finding solutions/answers for the industry

Anyone looking to explore best practices and work towards better business outcomes

2022 Industry Advisory Board Annual Event
Workforce Demographics and Knowledge Transfer

Presentation Slides

What Do All These Terms Mean?

Framework for Workplace Generations

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<td>Generation X</td>
<td>1965-1976</td>
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<td>Millennials</td>
<td>1977-1994</td>
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<tr>
<td>Gen Y/Gen X</td>
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Attract AND Retain

Target Generation – To Attract And Retain

- Millennials [27 to 44] – Career Change
  - Other construction sectors
  - Other industries
  - Military
  - Etc...
- Gen Z [27 and Younger] – First Career
  - High School
  - YoTech School
  - Two-year/Four-year Colleges

Millennial Characteristics

- Loyalty-lite
- Expect to have 6 or more employers in their career
- Prefer to communicate electronically
- Desire global work experience
- Value mentorship
- Look for personal development
- Responsibilities

Gen Z Characteristics

- Open-minded
- Responsible
- Security, safety, privacy
- Entrepreneur drive
- Online Presence
- In-person communication
- Active engagement [with leaders]
- Opportunity to present their views

Do You Have Similar Experiences?

Does Your Company Practices Align To Their Characteristics?
Workforce Demographics and Knowledge Transfer

Presentation Slides

Why Should We Care About Workforce?

Industry Partners

Let’s Take A Look What We Did For IAB

How Does Workforce Look Like in the Southeast Region?

Collaboration

First attempt...

* Business Case
  - Identify and rank the prevalent needs of the construction industry in this region.
  - Coaching
d  - Workforce Demographics
  - Safety, Performance
  - Others?

Background – Sector, Contractor Type, and Volume

Background – ‘People’ (Employees)

Management Positions

Fore & Fieldmen

Mac/Source Role

50% GC - Commercial Sector
60% CC > $50M volume
11% Residential Companies < $25M volume

Workforce Demographics and Knowledge Transfer

Presentation Slides

Background – Employee by Sector, Type, and Volume

Generation snapshot

Distribution of Generations

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<th>Number</th>
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<tr>
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<tr>
<td>Gen X (36-55)</td>
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<td>540</td>
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<tr>
<td>Total</td>
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</tr>
</tbody>
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What does this tell us?

How soon is the Retirement?

By 2036 (in next 15 years) – 31% workforce will retire!

Employee Distribution by Positions

Imagine, 40% of each of these position will retire in the next 20 years!

Workforce Shortage – HR perception response

Skilled labor vs. Management positions

Theme?

Workforce Demographics
- Baby Boomers
- GenX

Retiring Workforce
- Next 10 years
- Next 15 years

Does Knowledge Retire?

Knowledge Transfer Management

Knowledge Transfer Strategies (KTS)
Workforce Demographics and Knowledge Transfer

Presentation Slides

Knowledge Management (KM) Culture

Knowledge Management Commitment

Future?

More Data = More Value

- Supply vs. Demand
- Develop Company Specific Index & Implementation Strategies for Knowledge Management
- Workforce Development
- Training Modules
- Attracting Gen Z Workforce
- Federal Funding

Thank you!!

NOTES

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Industry Association and Contractor Support / Involvement with Construction Management and Workforce Education

PRESENTERS
Dan Belcher, NCCER / Scott Couper, Pala Group / Dave Davia, RMMCA / Melanie Myers, NEF

• Learn how ACCE Association Members Support Career Pathways through Student Chapters
• Partnering Opportunities for Construction Education Programs, Research, Financial Support, Awards & Scholarships

Dan Belcher is the Director of Strategic Partnerships for NCCER in Alachua, Florida. Dan develops and implements partnership strategies to increase the reach and impact of ongoing efforts in advancing NCCER’s focus areas. He conceptualizes new strategic initiatives that can be built around or benefit from corporate, foundation, government, or other partnerships. He also coordinates the management of ongoing relationships with existing partners and where relevant, leverage those relationships to greater collective impact of NCCER and the organizations mission to improve the construction industry and foster the growth of the craft professional.

Dan serves as the liaison between NCCER and several organizations, including ACTE, SkillsUSA, ACCE, NTHS, and MCAA. Currently, Dan holds board positions with the National Technical Honor Society (NTHS) and the American Council of Construction Education (ACCE).

Dan’s former experience includes being the Director of Workforce Development for NCCER, Career and Technical Education Consultant for the Education Service Center Region XI in Fort Worth. He also served as the Director for Career and Technical Education for the Fort Worth Independent School District. Before that, he served the Fort Worth ISD in a variety of positions including principal, vice principal and teacher.

Dan has been married to his wife Linda for 26 years and has a son Brantley (20) and a daughter Brooke (17). Dan has his undergraduate degree from the University of North Carolina and a master’s in education from the University of Texas Arlington.
Industry Association and Contractor Support / Involvement with Construction Management and Workforce Education

Scott Couper, Chief Operating Officer of PALA- Interstate. PALA is an Industrial Construction company operating primarily in the Gulf Coast with Baton Rouge and Houston offices. Scott has 44 years Construction experience, 42 years with PALA. His work disciplines include API Storage Tank Design Prefabrication & Erection, ASME Pressure Vessel Design & Fabrication, Process Piping Fabrication & Installation, Structural Steel Erection, Civil - Concrete foundations and Helical Piles.

Scott’s responsibilities have included Estimating, Planning, Scheduling, Cost Control, Project Management, Contracts, Equipment Fleet, and H.R. He is a member of the LSU Construction Industry Advisory serving as Board Director, Past President and Treasure. He has B.S. in Construction Management undergraduate classes. Scott serves ACCE on the ACCE Board of Directors and participant in Visiting Teams, IAB Committee, and the Construction Workforce Education Committee.

Melanie holds a Master of Science in Construction Management from Eastern Michigan University and is a full-time Project Manager of Planning, Design and Construction for St. Joseph Mercy Health System in SE Michigan and part-time Educational Coordinator for NEF.

She has fifteen years and counting working in the industry and fifteen years working in higher education. She was an active NAWIC member of the Lansing, Michigan Chapter from 1999-2020. During her time in NAWIC she held several leadership positions within her chapter, regional committees, and was elected Region 4 (now North Central Region) from 2010-2012. She also served ten years on the NEF Board as Trustee and an active member of the Executive Committee serving as Secretary, Vice-President (twice), President-Elect (twice), and President. During her time on the NEF Board, she authored the Construction Industry Specialist (CIS), a Professional Training Program certified by ACCE. Currently, she is the President of the Eastern Michigan University Construction Management Alumni Chapter and helped develop the first Alumni Mentoring Program. This program links alumni with current students to support and help them directly connect with alumni working in the construction industry.

As a part of the Mentoring Program, she has led an annual Student Alumni Summit that brings students and alumni together for an informative networking event. For her efforts, she was named the 2020 recipient of the Ozzie Pfaffman Volunteer Award. Last Fall, she joined the newly formed Michigan Chapter of Women in Healthcare in hopes of connecting with other women working in healthcare positions.
Dave Davia is a passionate leader with a diverse background in public and private organizations. He has a strong track record of accomplishments in strategic partnerships, government relations, process development, coalition building, business and legislative analysis, collective bargaining, public policy, and association management.

Currently Dave Davia serves as the EVP and CEO of the Rocky Mountain Mechanical Contractors Association, serving roughly 180 members, a role he has held since late 2006.

Prior to joining these prestigious organizations, Dave worked in a senior program/project management role in banking operations and IT. He worked for Wells Fargo close to 14 years and was a member of many banking industry professional and charitable groups.

Dave is a former elected official with the City of Westminster where he served as City Councillor and participated on the Economic Development Authority, the Redevelopment Authority, and the Human Services Board.

Being a passionate champion of children and families, Dave has also served on multiple charitable non-profit organizations boards including There with Care, an organization serving families of children fighting cancer and Growing Home, an affordable housing program. He also helped lead and launch Growing Home’s Affordable and Transformational Housing Program. Additionally, Dave has served in many roles for the Denver Archdiocese.

Dave, not only is a native Coloradan, but he is a 5th generation Denver native, whose current home is located within one mile from where his great-great-grandparents originally settled in the 1880’s. Dave considers himself fortunate to be married to Kathleen, his talented and enterprising wife who was a successful small business owner; together, they are raising their young son, Rocco. A true thought leader with a reputation for keen political and legislative acumen, Dave is regarded as a deep listener, an effective mediator of collective bargaining processes, and a talented coalition builder who positively influences legislative outcomes on behalf of the organizations he represents.
Benefits of Serving as a Guest Lecturer and Adjunct

PRESENTERS
Gerrad Delatte, Excel USA | Tony Lamanna, Arizona State University

Construction Management students can benefit tremendously from an active industry presence in the classroom. This session will address the process and expectations for industry professionals who have an interest and aptitude for sharing their experience in an academic setting.

Gerrad M. Delatte is an Executive Vice President for Excel USA, an industrial construction, maintenance, turnaround, fabrication, emergency management and disaster recovery firm headquartered in Baton Rouge, Louisiana.

Before joining Excel USA, Gerrad was a valuable team member for Turner Industries Group, LLC where he held various positions including Project Estimator, Cost Engineer, Planner, Project Controls Manager, Project Manager, Vice President, and Senior Vice President. His 30 plus year career in the industrial sector started after receiving a Bachelor of Science degree in Construction from Louisiana State University (LSU) in 1990. While continuing to work full-time, he obtained a Master of Business Administration degree in 1998 and Ph.D. in 2014 from LSU.

In addition to Gerrad’s full-time position, he has been an Adjunct Instructor for the LSU Construction Management Department since 2007 and taught courses in Materials and Methods, Construction Equipment, and Construction Enterprise. He currently teaches the Industrial Emphasis Area courses in Maintenance and Turnarounds, Industrial Estimating, Project Controls, and Electrical / Control Systems.

He is past President of LSU’s Construction Industry Advisory Council (CIAC) and currently serves on the Board of Directors. He is a visiting team member for accreditation with the American Council for Construction Education (ACCE) and serves on the Accreditation Committee.
Benefits of Serving as a Guest Lecturer and Adjunct

Anthony Lamanna’s academic career at Tulane University in New Orleans was turned upside down in 2005 after a little bit of weather called Hurricane Katrina. After the storm, the university closed its engineering programs. He decided to stay in New Orleans and start his own engineering firm to assist in rebuilding and strengthening the city. He also didn't give up on teaching, taking a side job as an adjunct at the University of New Orleans as he consulted, and in 2013 he returned to a full-time faculty position at Eastern Kentucky University.

During that time, Tony’s dedication to advancing the construction field earned him the election of Fellow of the American Concrete Institute (ACI) and the American Society of Civil Engineers (ASCE), and a commission as a Kentucky Colonel by the Governor of Kentucky, the state’s highest civilian honor. In 2017 he was drawn to Arizona State University by the inclusiveness of the ASU charter and the universities willingness to try new and innovative things.

He has expertise in building repair, rehabilitation, adaptive reuse, and retrofit – also known as “hardening” of buildings or making them more resilient to hazards such has high winds, storm surge, earthquakes, fires, or blast. When he’s not teaching his students how to be successful in the construction industry, he’s making homemade wine, mead, and beer, and serves as a certified beer judge.
Track 1: Beyond the Economy: The Future of Construction Management Programs

PRESENTERS
Stevie Toups
CEO
Turner Industries

Although Construction Management Programs have been impacted by recent economic events, demand for CM graduates from 2- and 4-year institutions has remained strong. To construct buildings with an anticipated lifespan of 50 years requires an ongoing future focus. This dynamic and extremely experienced presenter will gaze into that future. His goal: to predict how to grow and evolve our Construction Management Programs for the purpose of increasing value – and demand – for the students they graduate.

Stephen Toups is the President & CEO of Turner Industries Group, LLC. Mr. Toups is in his 25th year with the company and has served in many capacities.

Nationally, for the industry, he serves as chairman of the (NCCER) National Center for Construction Education and Research, on the Executive Committee for the (AFPM) American Fuels and Petrochemical Manufacturers, and on board of the (ECC) Engineering and Construction Contracting Association.

In Louisiana, Mr. Toups serves on the Federal Reserve Board’s Energy Council and is past chairman and current member of the Board of Supervisors for the Louisiana Community & Technical College System.

He just completed his term as chairman of the Capital Area United Way; his service on the board of the Rice University Global Engineering & Construction Forum; and as chairman of the CEO’s Against Cancer for the Gulf Coast.

He was recognized by the Associated Builders and Contractors as the Construction Leader of the year, and in 2013, named one of the Top 10 “Breakout Technology Leaders” in the nation.

Toups received his MBA and undergraduate degree from Louisiana State University.
Track 1: Apprenticeship Accreditation - ACCE’s Construction Workforce Education (CWE) Committee in Action

PRESENTER
Bill Good
The Roofing Industry Alliance for Progress

This session will describe the efforts of ACCE’s Construction Workforce Education Committee, which was created in 2019 to develop a plan to accredit construction workforce education programs that are not offered by institutions higher education.

That effort has resulted in a new set of standards, student learning outcomes, and protocols for site visits. The committee conducted a visit to a pilot program in Colorado in late 2021, which resulted in the first-ever ACCE accreditation for a workforce education program.

Presenters will include representatives from the newly-accredited Western States College of Construction and others involved in the initial pilot program process.

Bill Good
The Roofing Industry Alliance for Progress

Bill Good served as the CEO of the National Roofing Contractors Association (NRCA) for nearly 30 years, until his retirement in 2017. Since then, he has continued to work for the Roofing Alliance, a foundation affiliated with NRCA. The Roofing Alliance is an association member of ACCE and is involved in a number of activities related to education, training and philanthropy.

Bill is a graduate of the University of Virginia and holds his MBA from the University of Chicago. He served in leadership roles in several professional societies, served two terms as national board chairman for Rebuilding Together, a charity that rehabilitates single-family homes for low-income owners. Currently, Bill serves on the Board of Trustees of ACCE, on the board of directors of The Center for Workforce Inclusion and on the board of directors of Ronald McDonald House in Charleston, S.C.

Bill and his wife Sarah live in Seabrook Island, S.C., where they enjoy all the benefits of almost being retired.
Track 2: Initial Visiting Team Training

TRAINERS
Al Bleakley Ph.D., P.E., Florida Institute of Technology | Heather Gay, Dunwoody College of Technology

It’s important to have industry practitioners represented on every Visiting Accreditation Team! If your time with ACCE is limited to February 23rd, we hope you will consider attending this training session. The training will qualify you to participate in a visiting Team as a Member in Training (MIT). After completing this initial visit and completing Advanced Team Member Training and Visiting Team Case Studies Training, you will be a fully qualified visitor. The purpose of the Visiting Team is to evaluate a program based on the institution’s stated goals and objectives, and to verify compliance with ACCE standards and criteria in those areas that cannot be determined without visiting the institution. The committee conducted a visit to a pilot program in Colorado in late 2021, which resulted in the first-ever ACCE accreditation for a workforce education program.

Presenters will include representatives from the newly-accredited Western States College of Construction and others involved in the initial pilot program process.

Dr. Bleakley was an Army Corps of Engineers officer for 30 years, living in 15 different places including Europe and the Middle East. He led soldiers and managed design and construction contracts in the U.S. and 10 foreign countries including during both Gulf Wars, Bosnia, and Somalia.

He has also managed environmental clean-ups, earthquake, hurricane, and flood disaster recovery including New Orleans after hurricane Katrina, and major Mississippi River floods. After retiring from the Army he joined the Florida Institute of Technology faculty in 2009 to help develop a new Construction Management B.S. degree program.

Heather (she, her, hers) is the Director of Construction and Management programs at Dunwoody College of Technology in Minneapolis, Minnesota. She has been involved in the construction industry for 25 years and in higher education for 13. Heather has implemented creative learning partnerships with the Girl Scouts River Valleys and Rebuilding Together Twin Cities. Prior to moving to academics, Heather worked on large industrial and commercial projects around the U.S., including Barilla Pasta, Carlson Hotels, and Kraft Foods. She worked as a project officer for FEMA after Hurricane Katrina, assessing damaged schools in greater Louisiana.
Closing Remarks and Resolutions

Charlie McIntyre received his Ph.D. in civil engineering from Pennsylvania State University. Before joining IUPUI in 2014, he had a distinguished career in higher education at North Dakota State University, including service as interim department chair and graduate program coordinator within the Department of Construction Management and Engineering. He also served as an instructor and assistant professor of civil and environmental engineering at Pennsylvania State University. Prior to his work in higher education, Charlie served K-12 education as an elementary school teacher at St. Anthony School District in Newfoundland, Canada, and as a high school teacher at Assabet Valley Technical High School in Marlboro, Massachusetts.

His industry experience includes serving as a superintendent for Hopkinton, Massachusetts Public Works, and a Project Manager for Davna Corporation in Millis, Massachusetts, as well as serving as an independent engineering consultant in the area of design, construction, and testing of water distribution and wastewater collection systems in Massachusetts. Charlie joined IUPUI as a clinical professor and director of the construction engineering management technology (CEMT) program and oversaw a significant transformation of the program, including substantial changes to the curriculum and revision of the B.S. degree program from CEMT to Construction Management (CM). This transformation also included seeking inaugural accreditation from the American Council for Construction Education (ACCE), which was successfully approved in 2019. Charlie also played the leading role in expanding the participation of the construction management program’s industrial advisory board (IAB). The construction management IAB is an exemplar within the School of Engineering and Technology and among the most productive boards in the entire United States. Finally, Charlie has been a sustained supporter and leader at the national level within the American Society for Engineering Education (ASEE). We are most grateful for Dr. Charlie McIntyre’s many contributions within the School of Engineering and Technology as program director, colleague, and friend.
Comparison of Baccalaureate Accreditation Standards/Criteria
ACCE vs. ANSAC/ABET

Summary

Selection of an accrediting body with which to align is very significant. The university administration considers accreditation a measure of guaranteed quality while the industry views it as an assurance of a foundational level of education prior to entry into a full-time career. Industry Advisory Board members are essential partners to any construction program. They should have a strong presence and voice during selection.

The Construction Management Association of America (CMAA) recently joined the Accreditation Board for Engineering and Technology (ABET).

Industry Advisory Boards (IAB) are finding themselves at a crossroad with some of their construction programs, especially those housed in an engineering college. Pressures from university administrators are being placed on programs to switch to ABET while other programs are in the process of evaluating their status of accreditation. Industry is asking which accreditation is better and which one should they insist upon? To answer this question, it is very important to get past perception, innuendos, and rumors to get an answer. A lot has been heard about ABET accreditation, but what is it really? What is fact and what is myth as it relates to accrediting construction programs? This one-page chart provides a straightforward comparison between ACCE and ABET. Also included are a series of questions to use in the decision-making process. This will provide the IABs with the tools needed to advocate for the “Gold Standard” during any accreditation discussion generated at their program’s university or college.

But most importantly, ACCE is recognized by the Council for Higher Education Accreditation (CHEA). We are also pursuing recognition from the Department of Education. ABET does not have a national recognition.
Questions to ask your Program about Accreditation...

How do you want your program to be viewed by other professionals?

- The American Council for Construction Education (ACCE) has been accrediting construction higher education programs for nearly 50 years. Founded in 1974 by Associated General Contractors of America, Associated Schools of Construction (ASC), and the American Institute of Constructors (AIC), ACCE maintains an appropriate balance among foundational courses needed in business, engineering, architecture, science, and communications, as well as the entire range of construction specific courses. ACCE accreditation is not seen through the “lens” of another discipline (like engineering). Construction education programs are unique and not a subset of any other discipline but are built on a combination of disciplines. This makes a graduate of an ACCE program a highly desirable employee.

- Construction Management has been categorized under the ABET’s Applied and Natural Sciences Accreditation Commission (ANSAC). ANSAC accreditation DOES NOT lead to PE registration and is NOT associated with engineering. Construction management has now been aligned with ANSAC accredited programs: Environmental Health, Safety, Industrial Hygiene, Health Physics, and Surveying. This implies CM graduates are para-professionals who serve in support of the Engineer as a “junior engineer”.

Is the accreditation agency’s primary focus on construction education?

- ACCE is focused solely on construction. It addresses and establishes appropriate Standards for a wide variety of construction programs in the U.S.

- ABET is not focused on construction education. It is focused on engineering or engineering technology types of education...note their name – Accreditation Board for Engineering and Technology. From their website: “We are a not-for-profit, non-governmental accrediting agency for programs in applied science, computing, engineering, and engineering technology”. No construction in the title or in their overall mission.

Do you have to be an organizational member to be involved with the accreditation agency?

- ACCE encourages participation of program IAB members on its committees. ACCE requires a representative from industry be included on every accreditation Visiting Team. ACCE standards were developed by and are enforced by BOTH academic professionals and construction industry professionals. As stated in Section 3.10 of the ACCE Bylaws, “Each educational institution that has at least one ACCE accredited program may appoint one Educator and one Practitioner as its ACCE representatives....” The ACCE Board of Trustees must include an equal number of Practitioner and Educator members. We also have requirements that all of our Committees have an equal share of industry and educator members.

- One must be a member of the Construction Management Association of America (CMAA) to participate in the official ANSAC accreditation process.

What is the US Department of Education’s view of construction management?

- Construction Management is not engineering, it is more closely related to Business. The federal government Classification of Instruction Program (CIP) codes place Construction Management (52.2001) under Business (52.xxxx) not Engineering (14.xxxx). This provides a taxonomic scheme that supports the accurate tracking and reporting of fields of study and program completions activity. Academic and the federal government use these codes primarily for resource allocation.

What is the construction emphasis of your program?

- Most construction programs in the US focus on the management of construction with varying emphasis in construction technology, business, architecture or engineering (or equal emphasis on all four). ACCE Standards require a mix of coursework in Construction, Communications, Mathematics, Physical Science, Business, and Management.

- The ANSAC Construction Management accreditation is defined for owner representatives. CMAA uses a very narrow definition of CM. Very few construction programs in the United States focus only on this type of a career path.
Questions to ask your Program about Accreditation...continued

As it relates to academic standards – where is the “bar” for construction programs?
• Because ACCE focuses solely on construction, we can address and establish appropriate Standards for most all construction related programs in the U.S. The ACCE Standards and Criteria for the Accreditation of Construction Education Programs (Document 103) is a fully integrated document outlining a broad range of requirements that must be met by accredited programs at Associate and Bachelor’s levels. Standards are clear and concise. They focus on learning outcomes with some prescriptive requirements that maintain student interaction with other disciplines (engineering, business, architecture, etc.) They include a list of 13 Student Learning Outcomes that must be met by Associate degree programs or with the 20 Student Learning Outcomes required for students at the Baccalaureate level.

• ANSAC’s construction management standards have 11 learning outcomes with some prescriptive elements. They place emphasis on the narrow definition of construction management as an owner’s agent. ANSAC Criteria consist of a four-page document describing the criteria that all Applied Science programs must meet accompanied by a one-page document of Criteria specific to construction management. A national comparison would not be to other construction education programs in the U.S. but to programs in their same ANSAC area (i.e. Environmental Health, Safety, Industrial Hygiene, Health Physics, Surveying, Physics, Biology and Chemistry etc.).

Are advisory boards important to the accrediting agency?
• ACCE Standards recognize and require support from industry: that “an advisory committee, consisting of representatives from the construction industry, be actively involved in an advisory role for the construction program”.

• ANSAC does not require the program to have an industry advisory board. They only require the use of “stakeholders” to review their learning outcomes. This could be industry, alumni, or students.

How are standards determined?
• ACCE mandates that industry and academics have equal partnership in the development of accreditation standards for construction education.

• The newly developed ANSAC construction management standards were the responsibility of CMAA. Input was provided from various stakeholders, but ultimately these standards were approved solely by ANSAC (CMAA members).

Do the accreditation standards facilitate industry needs?
• All ACCE standards were developed, approved and enforced by BOTH academic professionals and construction industry professionals. ACCE has a broad representation of geographic areas and construction types. ACCE Board includes an equal number of Industry (Association & IAB members) and academic representatives to ensure its policies, procedures and standards align with current construction industry needs and requirements. ACCE was jointly founded by Industry Associations and ASC in 1974 and has involved industry practitioners since inception. It accredits associate, bachelor, and master’s degree programs to facilitate industry needs. It also recognizes industry associations’ non-degree programs.

• CMAA approved a mix of student learning outcomes with some prescriptive elements. These ANSAC standards have no requirement for an industry advisory board. Additionally, it excludes associate degree programs.

Easy or Quality?
• If IAB members are looking for rigor and the “gold standard” that compares your program to the nearly 100 construction education programs already accredited in the nation, then look to ACCE.

• “Easy” does not equate to quality. Programs may gravitate towards ANSAC as it is an easier accreditation process due to the fewer number of standards (as compared to ACCE) and due to its narrow definition of construction management. If an IAB member is looking for simple and owner agents as employees, then ANSAC would be the way to go.
Comparison of Baccalaureate Accreditation Standards/Criteria
ACCE vs. ANSAC/ABET

Summary

Selection of an accrediting body with which to align is very significant. The university administration considers accreditation a measure of guaranteed quality while the industry views it as an assurance of a foundational level of education prior to entry into a full-time career. Industry Advisory Board members are essential partners to any construction program. They should have a strong presence and voice during selection.

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Comparison of Baccalaureate Accreditation Standards/Criteria

American Council for Construction Education (ACCE) Standards (Document 103) for All Programs

<table>
<thead>
<tr>
<th>Curriculum Categories</th>
<th>Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. Communication</td>
<td>6 minimum</td>
</tr>
<tr>
<td>B. Mathematics (beyond Trigonometry)</td>
<td>3 minimum</td>
</tr>
<tr>
<td>C. Physical Science (analytical, not descriptive)</td>
<td>6 minimum</td>
</tr>
<tr>
<td>D. Business and Management</td>
<td>12 minimum</td>
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<tr>
<td>Total Combined A, B, C, and D</td>
<td>33 minimum</td>
</tr>
<tr>
<td>Construction Coursework</td>
<td>50 minimum</td>
</tr>
<tr>
<td>Subtotal prescribed category credits</td>
<td>83 minimum</td>
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<tr>
<td>Other credits</td>
<td>37 minimum</td>
</tr>
<tr>
<td>Total ACCE Accreditation Requirements</td>
<td>120 Sem. Hrs.</td>
</tr>
</tbody>
</table>

“Upon graduation from an accredited ACCE Bachelor Degree program, a graduate shall be able to:

1. Create written communications appropriate to the construction discipline.
2. Create oral presentations appropriate to the construction discipline.
3. Create a construction project safety plan.
4. Create construction project cost estimates.
5. Create construction project schedules.
6. Analyze professional decisions based on ethical principles.
7. Analyze construction documents for planning and management of construction processes.
8. Analyze methods, materials, and equipment used to construct projects.
9. Apply construction management skills as a member of a multidisciplinary team.
10. Apply electronic-based technology to manage the construction process.
11. Apply basic surveying techniques for construction layout and control.
12. Understand different methods of project delivery and the roles and responsibilities of all constituencies involved in the design and construction process.
13. Understand construction risk management.
15. Understand construction quality assurance and control.
16. Understand construction project control processes.
17. Understand the legal implications of contract, common, and regulatory law to manage a construction project.
18. Understand the basic principles of sustainable construction.
19. Understand the basic principles of structural behavior.
20. Understand the basic principles of mechanical, electrical, and piping systems.”

Applied and Natural Sciences Accreditation Commission (ANSAC/ABET) General Criteria and Specific Criteria from CMAA

For all ANSAC accredited programs (Environmental, Health, and Safety; Health Physics; Industrial Hygiene; Surveying; Construction Mgmt.):

- Baccalaureate degree programs must demonstrate graduates have:
  a. an ability to apply knowledge of mathematics, science, and applied sciences
  b. an ability to design and conduct experiments, as well as to analyze and interpret data
  c. an ability to formulate or design a system, process, or program to meet desired needs
  d. an ability to function on multidisciplinary teams
  e. an ability to identify and solve applied science problems
  f. an understanding of professional and ethical responsibility
  g. an ability to communicate effectively
  h. the broad education necessary to understand the impact of solutions in a global and societal context
  i. a recognition of the need for and an ability to engage in life-long learning
  j. a knowledge of contemporary issues
  k. an ability to use the techniques, skills, and modern scientific and technical tools necessary for professional practice.

“The curriculum must include:

a. a combination of college-level mathematics and basic sciences (some with experimental experience) appropriate to the discipline
b. applied science topics appropriate to the program
c. a general education component that complements the technical content of the curriculum and is consistent with the program and institution objectives.”

For Construction Management Programs (from CMAA):

- The professional component must include these topics:
  11. business and communication skills.

- 3. health and safety, accident prevention, and regulatory compliance.
- 8. cost management including plan reading, quantity take offs and estimating.
- 7. planning and scheduling.
  1. construction project management from pre-design through commissioning.
  5. materials, labor and methods of construction.

- 10. leadership and managing people.

- 9. project delivery methods.

- 6. finance and accounting principles.

- 4. law, contract documents administration, and dispute prevention and resolution.
- 2. project life-cycle and sustainability.”

(Note: CMAA Program Specific Criteria are presented out of order to make direct comparison with ACCE Standards to the left.)
ACCE Founder’s Award, DuPree Scholarship and NHE Scholarship

Information on the following awards can be found on the ACCE-HQ.org website

Overviews:

Founders Award
The ACCE Founder’s Award is bestowed annually upon an individual, company or organization that has demonstrated a profound effect on construction education during the last year.

DuPree Construction Education Fund Scholarship
Applicants must be accepted in a Masters or PhD construction-related program, in an institution with an ACCE-accredited program. Scholarship(s) of $5,000 each will be awarded. Applicants must desire a career as faculty in an ACCE-Accredited Construction Management program after completing their studies. Current, full-time faculty are not eligible.

DuPree Construction Education Fund/National Housing Endowment Scholarship
Applicants must be accepted in a Masters or PhD construction‐related program, in an institution with an ACCE-accredited program. Scholarship(s) of $5,000 each will be awarded. Applicants are expected to become faculty at an ACCE-Accredited program with aspirations to teach residential construction curriculum. Residential experience is required.

Mark Benjamin Lifetime Achievement Award
Nominees must be a construction practitioner, educator or retired from the industry. They must have given distinguished service to construction education, and be above the age of 55.