



**PROJECT MANAGEMENT
FOR CIVIL ENGINEERS**

**November 16-17, 2017
EUCI Office
4601 DTC Blvd
Denver, CO**



**TAG US #EUCIEvents
FOLLOW US @EUCIEvents**



EUCI is authorized
by IACET to offer
1.0 CEUs for the
course

OVERVIEW

This training program is designed for Civil Engineers working in the infrastructure sector and will provide a basic understanding of skills needed to effectively manage a construction project. The training will cover the following topics with an emphasis on infrastructure projects: contracts, bidding, financing, code compliance, project planning, scheduling, project control, communication, safety, quality, litigation, and potential environmental issues.

The contracts, bidding, and code compliance portion will focus on pre-construction activities. The project planning, scheduling, control, and communication will focus on the construction phase. Safety, quality, and environmental will be addressed in general terms for infrastructure projects.

The course is designed for individuals with limited knowledge of the actual project management process for infrastructure projects. The course material will be a useful resource for future reference. The program will be interactive in nature and utilize case studies and small group exercises.

LEARNING OUTCOMES

- Discuss the basic types of contracts
- Examine the bidding and contract selection process
- Explain financing options
- Clarify code compliance as it relates to particular projects
- Analyze pre-construction requirements needed for project success
- Identify types of project schedules commonly used and how to use these as a control tool
- Allocate and control budget and resources
- Develop communication tools and techniques
- Evaluate how safety and quality are intertwined with project controls
- Highlight ways to avoid litigation
- Anticipate potential environmental issues with infrastructure projects

WHO SHOULD ATTEND

Civil Engineers from:

- State, County, and Municipal Departments of Transportation
- Public Works Departments
- Water Treatment Plants
- Engineering Firms

AGENDA

THURSDAY, NOVEMBER 16, 2017

- | | |
|----------------------------|---|
| 8:00 – 8:30 am | Registration & Continental Breakfast |
| 8:30 – 9:30 am | Contract Types <ul style="list-style-type: none">• Design-Bid-Build• Design-Build |
| 9:30 – 10:30 am | Contracts & Financing <ul style="list-style-type: none">• Contract Documents• Specifications• Funding (Public, Private, Public Private Partnerships) |
| 10:30 – 11:00 am | Networking Break |
| 11:00 am – 12:00 pm | Preconstruction <ul style="list-style-type: none">• Code Compliance• Project Meetings• Understanding Project Specifications |
| 12:00 – 1:00 pm | Group Luncheon |
| 1:00 – 2:00 pm | Project Scheduling <ul style="list-style-type: none">• Gantt Chart• Critical Path Method (CPM)• Look Ahead Schedules |
| 2:00 – 2:15 pm | Scheduling Demonstrations |
| 2:15 – 2:45 pm | Hands on Scheduling Exercise |
| 2:45 – 3:00 pm | Networking Break |
| 3:00 – 4:00 pm | Budget and Resource Control <ul style="list-style-type: none">• Resource Leveling• Budget Control Methods Productivity Improvement Methods |
| 4:00 – 5:00 pm | Resource Control Exercise |

AGENDA

FRIDAY, NOVEMBER 17, 2017

- | | |
|----------------------------|---|
| 8:00 – 8:30 am | Continental Breakfast |
| 8:30 – 10:00 am | Communications Tools & Techniques <ul style="list-style-type: none">• Understanding Project Personnel Roles• Meeting Guidelines and Requirements• Documentation• Personnel Interaction• Litigation Avoidance |
| 10:00 – 10:30 am | Morning Break |
| 10:30 am – 12:00 pm | Safety, Quality & Environmental <ul style="list-style-type: none">• Roles of Engineers• Effects on Schedule and Cost• Risk Mitigation Exercise• Environmental Impact Statements |
| 12:00 pm | Course Adjourns |

INSTRUCTOR



Kristy Wolfe

Professor, Bradley University

Professor Kristy Wolfe has been an Assistant Professor at Bradley University since January 2008. Professor Wolfe has her Bachelor of Science in Construction from Bradley University and her Master of Science in Engineering Management from the University of Missouri-Rolla. Professor Wolfe brings a unique set of skills to the world of academia with the field experience she gained as a facilities engineer with Caterpillar along with her time serving with the United States Army Corps of Engineers. She currently serves as the faculty advisory for Bradley's Mechanical Contractors Association of America (MCAA) and Habitat for Humanity. Professor Wolfe is also the President of the Board of Directors for the Central Illinois Riding Therapy, which provides equine therapy to children and adults with physical, emotional and behavioral issues, and also serves as the Hallock Township Clerk. Her research interests include green construction, productivity method improvement, leadership development, workforce dynamics, and ethics in engineering education.

REQUIREMENTS FOR SUCCESSFUL COMPLETION

Participants must sign in/out each day and be in attendance for the entirety of the course to be eligible for continuing education credit.

INSTRUCTIONAL METHODS

Case studies, PowerPoint presentations and classroom exercises will be used in this course.

PROCEEDINGS

The proceedings of the course will be published, and one copy will be distributed to each registrant at the course.

EVENT LOCATION

EUCI Offices

4601 DTC Blvd, B-100
Denver, CO

NEARBY HOTELS

Hyatt Regency Denver Tech Center

7800 E. Tufts Ave
Denver, CO 80237
Phone: 303-779-1234
0.3 miles away

Hilton Garden Inn Denver Tech Center

7675 E. Union Ave
Denver, CO 80237
Phone: 303-770-4200
0.6 miles away

Denver Marriott Tech Center

4900 S. Syracuse St
Denver, CO 80237
Phone: 303-779-1100
0.7 miles away

Hyatt Place Denver Tech Center

8300 E. Crescent Parkway
Greenwood Village, CO 80111
Phone: 303-804-0700
0.9 miles away

IACET CREDITS



EUCI has been accredited as an Authorized Provider by the International Association for Continuing Education and Training (IACET). In obtaining this accreditation, EUCI has demonstrated that it complies with the ANSI/IACET Standard which is recognized internationally as a standard of good practice. As a result of their Authorized Provider status, EUCI is authorized to offer IACET CEUs for its programs that qualify under the ANSI/IACET Standard.

EUCI is authorized by IACET to offer 1.0 CEUs for this course.

REGISTER 3, SEND THE 4TH FREE

Any organization wishing to send multiple attendees to this course may send 1 FREE for every 3 delegates registered. Please note that all registrations must be made at the same time to qualify.

REGISTRATION
to register [CLICK HERE](#) or

Call: 201 871 0474
fax: 253 663 7224
email: [register@pmaconference.com/](mailto:register@pmaconference.com)
web: <http://pmaconference.com/>
Mail: POB 2303 Falls Church Va 22042

Please make checks payable to: "PMA"

EVENT LOCATION

EUCI Offices

4601 DTC Blvd, B-100
Denver, CO

See nearby hotels on page 5

PLEASE REGISTER

- PROJECT MANAGEMENT FOR CIVIL ENGINEERS COURSE**
 NOVEMBER 16-17, 2017: US \$1395,
 Early bird on or before October 27, 2017: US \$1195

How did you hear about this event? (direct e-mail, colleague, speaker(s), etc.)

Print Name Job Title

Company

What name do you prefer on your name badge?

Address

City State/Province Zip/Postal Code Country

Phone Email

List any dietary or accessibility needs here

CREDIT CARD INFORMATION

Name on Card Billing Address

Account Number Billing City Billing State

Exp. Date Security Code (last 3 digits on the back of Visa and MC or 4 digits on front of AmEx) Billing Zip Code/Postal Code

OR Enclosed is a check for \$ _____ to cover _____ registrations.

Substitutions & Cancellations

Your registration may be transferred to a member of your organization up to 24 hours in advance of the event. Cancellations must be received on or before October 13, 2017 in order to be refunded and will be subject to a US \$195.00 processing fee per registrant. No refunds will be made after this date. Cancellations received after this date will create a credit of the tuition (less processing fee) good toward any other EUCI event. This credit will be good for six months from the cancellation date. In the event of non-attendance, all registration fees will be forfeited. In case of course cancellation, EUCI's liability is limited to refund of the event registration fee only. For more information regarding administrative policies, such as complaints and refunds, please contact our offices at (201) 871-0474.