



# *Business Success Through Innovative Project Management Solutions*

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## CII Registered Provider (RP) Program

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As a CII Registered Education Provider, Pathfinder is approved to advise and/or provide training on published practices by the Construction Industry Institute. Pathfinder's fundamental project management series is a resource to help organizations plan the development of new construction project managers (those who have three to five years of experience). Each highly interactive training module features a live instructor and frequent interaction and collaboration among students. They are developed and facilitated by individuals that are knowledgeable and experienced in the Construction Industry Institute's body of practices, benchmarking databases, and methodologies.



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## Funadamental Project Management Series

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- Workshop fees are stated in US \$.
- If workshop is in person...
  - Accommodations are not included in the course price
  - Workshops held in Canada are subject to the appropriate GST/HST tax.
- Reservations are binding unless cancelled within 30 business days prior to the event.
- Workshops take place in the Eastern time zone.

**Any of the following workshops can be CUSTOMIZED and presented virtually or in-person at your location to meet the specific needs of your project team.**

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## Workshop Schedule

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### Project Management Fundamentals (1-Day)

March 21, 2022  
May 16, 2022  
October 17, 2022

### Project Execution Planning (2-Day)

April 4-5, 2022  
June 13-14, 2022  
September 19-20, 2022

### Project Controls Essentials (2-Day)

March 22-23, 2022  
May 17-18, 2022  
October 18-19, 2022

### Owner Construction Manager Role (2-Day)

April 6-7, 2022  
June 15-16, 2022  
September 21-22, 2022

### Contracting Best Practices (2-Day)

March 24-25, 2022  
May 19-20, 2022  
October 20-21, 2022

### Planning for Commissioning & Start-Up (1-Day)

April 8, 2022  
June 17, 2022  
September 23, 2022

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## Workshop Descriptions

### Project Management Fundamentals (1-Day)

In this multifaceted approach to learning, attendees will understand the roles and responsibilities of the owner and contractor's project manager. This course provides a perspective of the worldwide project planning and execution environment and how project management must react to fluctuations in this ever-changing industry. Through live instruction and collaborative break-out sessions, attendees will have the opportunity to better understand the function of the project manager and how creating an environment where others can work efficiently is the primary role. Construction Industry Institute research topics, concepts and tools are introduced throughout the course.



### Project Controls Essentials (2-Day)

Through live instruction and collaborative break-out sessions, attendees will discover the essentials of the general project controls process and how this integrates with the project delivery process. Project control planning aspects such as scope definition, cost management, and schedule management will be broken down into topics such as cost estimating, planning, cost control, and schedule management. Supporting these topics will be discussions on scope control and change management. Aspects such as productivity, performance measurement, and earned value will also be addressed. Construction Industry Institute research topics, concepts and tools are introduced throughout the course.



### Contracting Best Practices (2-Day)

Through live instruction and collaborative break-out sessions, attendees will understand the overall contracting process from contract strategy selection through the development of contract documents and contract administration. Lump sum, reimbursable, unit prices and incentive contract compensation approaches will be addressed, as well as, contractor pre-screening, bid review, and negotiations. Worldwide engineering and construction activity will be discussed, as well as, the evolving contractor community and resource availability. CII research topics, concepts and tools are introduced throughout the course.

### Project Execution Planning (2-Day)

This 2-day, virtual workshop addresses the purpose of the Project Execution Plan (PEP), its intended audience, the focus of the PEP at each project development phase and the various components of the plan. Attendees discover the differences from an Owner PEP and a Contractors PEP and how these documents intertwine and become the basis for aspects such as Project Control and Change Management. Through live instruction and collaborative break-out sessions, attendees dissect each of the typical PEP sub sections and collaborate in workshop teams to practice the planning aspects of each of the PEP component topics.



### Owner Construction Manager Role (2-Day)

This engaging 2-day, highly interactive, virtual workshop is a hands-on practitioner's view of the Owner's role in the construction management process, respecting various potential project execution environments and contracting methodologies. Through live instruction and collaborative break-out sessions, attendees discover industry best practices, interlaced with CII Best Practices to address these issues and considerations. Attendees collaborate in project teams and develop various construction planning deliverables, role play what-if scenarios, address actual case study construction issues and practice some of the available CII tools related to relevant industry issues.



### Planning for Commissioning & Start-Up (1-Day)

In this Interactive 1-day virtual workshop, attendees discover the importance of Commissioning & Start-Up (C&SU) planning during the front-end development activities and building these requirements into the overall Project Execution Plan. Through live instruction and collaborative break-out sessions, attendees will understand the importance of developing a roles and responsibilities type matrix for all the activities involved in the process.



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