





Why the Bootcamp approach?

Bootcamps offer a fast-track approach to acquiring in-demand skills, making them highly effective for professionals seeking to strengthen execution capability on complex CAPEX projects. This bootcamp is designed around a planning-first execution model, addressing the root causes of project underperformance—incorrect planning units, assumed sequencing, and effort-based progress measurement.

The approach is based on the Precision Planning (PP2E) framework by Jose Gabriel Rosas, which introduces a structured system integrating construction logic, engineering readiness, procurement alignment, and execution control.

Rather than focusing on tools or theory in isolation, this bootcamp:

 <p>Starts from physical construction logic (Path of Construction) before scheduling</p>	 <p>Applies constraint based planning using measurable systems (CTCM)</p>	 <p>Aligns disciplines through Mini-Projects and Backward Pass methodology</p>	 <p>Emphasizes installation-based progress and productivity measurement</p>
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This structured, practitioner-led approach ensures participants move from concept to execution, building a complete planning system rather than fragmented knowledge.

Who Should Attend:

This program is designed for mid to senior-level professionals involved in CAPEX project delivery, particularly those responsible for planning, execution, and performance control.

It is highly relevant for:

Project Controls Professionals

Planning Engineers

Construction & Site Managers

Engineering & Procurement Leads

Owners, PMC, and Program Managers

Participants should be involved in decision-making, sequencing, or execution planning, and looking to enhance planning maturity and delivery outcomes.

What you'll get:

- A structured understanding of planning as an integrated system, not isolated processes
- Ability to define and apply the Path of Construction (POC) based on physical logic
- Hands-on experience in constraint measurement using CTCM matrices
- Practical application of Mini-Project governance and Backward Pass alignment
- Improved capability to align engineering, procurement, and construction workflows
- Techniques to measure true physical progress using Rules of Progress and Productivity Factor
- A complete walkthrough of a real case (CWA 600) connecting planning to execution



Prerequisites:

Based on the bootcamp structure—which includes planning logic, constraint analysis, and execution-level control—the recommended level of attendee expertise should fall into the intermediate category, with flexibility for both emerging and experienced professionals.

Attendees should have:

- An understanding of project controls and CAPEX delivery components (cost, schedule, execution workflows)
- Basic familiarity with construction or engineering project environments
- Foundational knowledge of data interpretation and analytical thinking
- Working knowledge of tools such as Microsoft Excel or scheduling systems

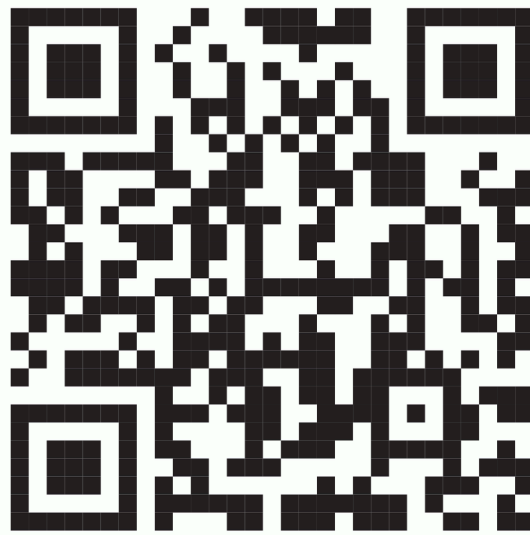
These prerequisites ensure participants can actively engage in hands-on exercises, sequencing logic, and planning simulations, enabling a deeper understanding of how structured planning drives successful project delivery.



Project Controls

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