



CRITICAL PATH METHOD MASTERY - *Beyond the Basics*

Thursday, January 10, 2019

Register: 8:30 AM Program: 8:45 AM - 1:15 PM

Judicial Council of California, Veranda ABC, 2860 Gateway Oaks Dr. Suite 400, Sacramento, CA 95833

AGENDA

Mastering CPM

A. Using the Critical Path Method in Program, Construction, & Project Management – Beyond the Basics. What is CPM & how do we use it?

1. The Critical Path Method, Then & Now.

- a. The Olden Times...
- b. Software.

2. The Specification – What do we need and why do we need it.

- a. What does the Project need?
- b. Level of Detail
- c. Milestones
- d. Scheduler Knowledge
- e. Software Knowledge
- f. Project Understanding
- g. Reporting Requirements
- h. Acceptance

3. What, exactly, is the Schedule?

4. The Activity – What is an activity and why is the definition important?

5. Logical Relationships

- a. What are the rules and how do we enforce them
- b. Why do we want to enforce them?

6. Submittals, Reviews, & Procurements – What should be in the schedule and why.

7. Calendars

8. Resources

9. Project Float

10. Monthly Status and Monthly Updates, how are they different and what do they do for us?

11. Schedule Impacts – Handling Chaos

12. The Recovery Schedule – Issues and Resolution

13. TIAs – How to produce them and understand them.

14. Concurrency

15. Schedule Analysis -What we look for and why.

- a. The Baseline
- b. Monthly Status and Updates

PRESENTER: Mat Barnes, Principal, Scheduling and Claims, The Tiburon Group

Mat has 45+ years of construction industry experience working on buildings and heavy construction projects worldwide, as a project engineer, scheduler, resident engineer, PM or CM. Mat is a Critical Path Method expert, providing scheduling, schedule review, and claims avoidance services for 10 years to **ITG's** clients on projects throughout the U.S. Mat's project experience includes: Universities, K-12 Education, Hospitals, Wastewater, Coal-fired and Nuclear Power Plants, Water Control, Bridges, Dams, Large Infrastructure and Marine Projects. He is expert in a variety of scheduling software packages including Primavera, Asta Powerproject, SureTrak, Promis, Fast Track and MS Project. He also has extensive experience with online and web-based information and document management systems. Mat also has an extensive background in construction dispute resolution, claims litigation and has served as an expert witness representing public owners in project disputes.



REGISTRATION FORM
SAVE: Bring your Team!

TEAM LIST

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CRITICAL PATH METHOD (CPM) MASTERY

HOSTED BY: Judicial Council of California
 2860 Gateway Oaks, Dr., Suite 400, Veranda Rooms ABC
 Sacramento, CA 95833

- WCCC Member Single** \$99
- WCCC Member TEAM (3+)** \$89
- NON - Member Single** \$125
- NON - Member TEAM (3+)** \$115

REGISTER NOW! Deadline 1/8/19

- ▷ **E-MAIL:** vann@wccc.org (you may call in CC#)
- ▷ **PHONE:** (916) 599-8020
- ▷ **MAIL:** Call or E-mail Reg. Form **THEN**
 Mail copy/team list/check **postmarked by 1/2/19**
TO: Western Council of Construction Consumers
 1731 Howe Ave. #613, Sacramento, CA 95825

▶ **TEAMS: Complete Team List with all info for each registrant.**

Name _____ Phone: _____
 Firm/ Agency: _____
 Title: _____
 E-mail: _____

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 E-mail: _____

REGISTRANT OR TEAM CONTACT:

No-shows & cancellations after **1/3/19** are subject to full fee. You may send Substitutes.

Name _____ Title: _____ Cell: _____
 Firm/ Agency: _____ E-mail: _____ Wk. Ph: _____
 Address: _____ City/ST/ZIP: _____

Name on credit card: _____ Card #: _____ Exp: _____ Sec. Code: _____

Billing Address: _____ # of Registrants: _____ X Fee \$ _____ = \$ _____ **TOTAL DUE:** _____

PAYMENT METHOD: VISA MC Discover AMEX Check (Check # _____)

Signature: _____

(Rev 11/1)

(Only credit card payment accepted after 1/2/19)