

Should you be certified for using Primavera professionally?

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Patrick Weaver PMP, FAICD, FCIOB.
patw@mosaicprojects.com.au

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Agenda

- Certification and Standards
- Scheduling Issues
- The PMI-SP Credential
- Conclusions

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Certification and Standards

- Project Management is evolving into a profession (slowly)
- There are a range of standards published
- There are a range of credentials offered
- Most PM job applicants now require a 'qualification' to be accepted for interview (*but not for scheduling jobs*)

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Certification and Standards

- PMI is a leading 'Project Management' standards developer
 - PMBOK (over 2 million in circulation)
 - Standards for Program and Portfolio Mgt.
 - Practice Standards for:
 - Scheduling
 - EV, WBS, etc
 - OPM3 for organisational maturity, etc

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Certification and Standards

- Practice Standard for Scheduling
 - Describes an effective scheduling methodology
 - Provides a quantifiable means for assessing the maturity of a schedule model
 - Available from PMI Melbourne for \$71.50



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Certification and Standards

- PMI is the leading Project Management certification agency world wide
 - PMP: project managers (1984)
 - CAPM: project team members (2003)
 - PgMP: Program managers (2007)
 - Scheduling & Risk professionals 2008

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Scheduling Issues

- Scheduling is NOT WORKING
 - Anyone can be a scheduler
 - Focus on tools not project outcomes
 - Focus on control rather than prevention
- 60% to 80% of projects run late!
- Incompetent tools dominate the market
 - MSP's default is to NOT move incomplete work after 'Time Now'/ Data Date

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Scheduling Issues

- Industry responses & consequences:
 - 'New' methodologies:
 - Critical Chain
 - RD-CPM™ - see www.fplotnik.com
 - Momentology - see Murray Woolf's book www.mosaicprojects.com.au/Books.html#books
 - Scheduling devalued to a record keeping process (time and cost)
 - Schedulers input to strategic decisions is virtually ignored on most projects

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Scheduling Issues

- The real issue is people
 - Training schedulers virtually stopped from the 1980s through to the 2000's*
 - What training there was focused on tools
 - Assumption: 'Anyone can schedule'
- The situation is changing
 - Practice Standard + SEI (Scheduling Excellence Initiative)
 - PMI-SP Certification

*See: A Brief History of Scheduling - Back to the Future
www.mosaicprojects.com.au/Resources_Papers_042.html

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The PMI-SP Credential

- Difficult 170 question exam:
- Eligibility requirements:
 - Three to five years of project scheduling experience, and
 - A minimum of 5,000 (3,500 with a Degree) hours of project scheduling experience, and
 - 40 contact hours of formal education.

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The PMI-SP Credential

- Aimed at 'Project Schedulers'
- No industry bias
- No tool bias

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The PMI-SP Credential

- Focus of the exam: Understanding and 'using' schedule information, scheduling +
 - Communications & Stakeholders
 - Risk and variability
 - Scope, WBS and Earned Value
 - Organisation structures
- Aimed at scheduling and PMO managers
 - & senior schedulers moving to management


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The PMI-SP Credential

Domain	Percentage of Questions
Schedule Mission Management	9%
Schedule Creation	23%
Schedule Maintenance	23%
Schedule Analysis	22%
Schedule Communication/Reporting	23 %
Total	100%

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- ## Conclusions
- What we have:
 - **AACE** = Senior Construction/Engineering Scheduler
 - **PMI-SP** = Senior Scheduling Manager
 - What we still need:
 - Entry level scheduling certification focused on scheduling skills (based on the Practice Standard)
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- ## Conclusions
- Plus a re-education program
 - SOX, etc mandate the need for predictive process like scheduling
 - So why do so many projects have time 'set in stone' before anyone looks at a realistic schedule?
 - Senior managers need to understand the value of skilled schedulers
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- ## Conclusions
- Solve the 'chicken and egg' conundrum
 - Well trained schedulers can help project managers and advise senior managers
 - But no one is training senior schedulers
 - Therefore very few people experience the benefits of working with skilled schedulers
 - Consequently they don't know what they are missing
 - And don't invest in training.....
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What Mosaic is doing:

- We are developing a free resource at www.mosaicprojects.com.au/Planning.html

Project Planning & Scheduling

"Someone's sitting in the shade today because someone planted a tree a long time ago."
Warren Buffett

Index:

- **Free paper:**
The Artifacts of a Schedule
Guidelines from Scheduling Practice
Suzanne Slackman
PBA Practice Standard for Scheduling
- **Schedule Customization Basics**
- **Scheduling Training and Certifications**
- **Planning and Scheduling resources**
- **Scheduling Consultants Services**



It's just one damn project after another!
[See our client list]


New Scheduling Workshop

Bookings are now open for Mosaic's new 5-STEP Scheduling workshop based on the PBA Practice Standard for Scheduling

- **PMI-SP Singapore** 14th Oct. 2008
- **PMI-SP Australia**
- **PMI-SP Brisbane** 20th Oct. 2008
- **Bookings!**

See more at www.5-STEP-Scheduling.com.au

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- ## What Mosaic is doing:
- We have updated our basic 5-STEPS scheduling course to align with the Practice Standard
 - Initial workshops in Qld & Singapore look like sell outs.....
 - We will be offering PMI-SP training in Q2 of 2009
 - We are pressuring PMI for an entry level certification
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Questions Please



Email: patw@mosaicprojects.com.au
Telephone: (03) 9696 8684

Mosaic's Scheduling home Page
www.mosaicprojects.com.au/Planning.html

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