Bottom-Line IT Project Leadership (Advanced Course)

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Objective:

For true project managers leading cross-functional teams of internal and external analysts, programmers and hardware/software vendors. They learn business decision making, processes for software development, people/team leadership skills, budgeting, risk management, software quality assurance, configuration, change, and version and release control. They master techniques assisting in utilizing SEI's Capability Maturity Model, and apply the Project Management Institute's (PMI)® ten knowledge areas to improve productivity, quality, functionality and cost control.

Features a computer model of a complex technology project complete with tasks, costs, constraints, decisions and crises. It even *simulates people*, some effective and some not. **Integrates PMI®'s** *A Guide to the Project Management Body of Knowledge* (*PMBOK® Guide*) **with Carnegie Mellon/SEI's Five Level CMM.**

Participants lead two teams, one live and one simulated, learning together to improve productivity and planning from project initiation to closedown. They make decisions to achieve sponsor functionality and software quality targets. A computer analyzes decisions and provides immediate feedback on results, so participants learn to manage version and release control, and manage change, all from the results of their own decisions.

The Bottom-Line Tool Kit and customized Post-Graduate Assignment ensure immediate application back on the job. Several Global 500 IT organizations have integrated these PCI courses into their Project Management curriculum and have seen their CMM level increase.

Key Learning Points:

- Apply five-step planning process with automated tools for better software management, software development and software quality assurance
- Reduce elapsed time and post-release defects rate within sponsor functionality
- Improve project quality; reduce rework and lost hours
- Human Resource Plan - staff acquisition, skill building and morale management
- Increase project team productivity and quality; apply resource leveling
- Scope and specification setting; risk analysis and management
- Configuration, change, version and release control
- Communicate with sponsors, stakeholders and end users
- Business decision making - set budgets and control costs for profitability
- Procurement, source selection and vendor management

Recommended for:

Project Managers and Team Leaders with 2+ years of experience who manage cross-functional teams of internal staff, contractors and hardware/software vendors on complex projects in pure software development, packaged software acquisition, migration, integration, infrastructure and e-commerce applications. Also for sponsors, stakeholders and end users.

Pre-Requisite: IT Project Management - Tools (Foundations) Course or equivalent experience.
Length: 3 days
PDU Credits: 28

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201-489-9200 - www.pciglobal.com

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