Project Management Training >

Complex Project Management

Workshop Course 287 • 4 Days   Attendee Rating ★★★★½

You Will Learn How To:

- Manage complex projects involving strategic risks
- Incorporate the science of complexity into project management strategies
- Apply a complexity assessment model and adaptive process
- Minimise uncertainty by leveraging best practises from Critical Chain, Agile and Lean approaches

Active Learning Workshop:

- Analysing the components of a complex project
- Applying a complexity assessment model to a case study
- Building an adaptive project management plan
- Decomposing a complex program into manageable components
- Delivering probabilistic estimations
- Optimising your project with Agile and Lean best practices
- Use of Computing Sandbox™

About This Course: Through an intensive four-day project simulation, you experience real-world situations in which your recommendations and decisions impact the outcome of your project. You also develop a toolkit of templates and productivity tools for use back at work.

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Course 287 Content   −

Many Ways to Attend this Course...

Attend this live, instructor-led course In-Class or LIVE, Online from your Home, Work or nearest AnyWare Centre using AnyWare™

AnyWare Learning Centres   +

Course Dates 4 Days	Course Attendance Method	
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STEP 1 Select Your Date:	**STEP 2** Select Method: AnyWare	Classroom
Morning Start – UK Dates 9am-4:30pm GMT		
Oct 11 - 14		London
Afternoon Start – US Dates 2pm - 9:30pm GMT		
Mar 8 - 11	AnyWare	Herndon/Reston
Mar 22 - 25	AnyWare	New York
Apr 26 - 29	AnyWare	Herndon/Reston
Jun 14 - 17	AnyWare	Herndon/Reston
Jun 28 - Jul 1	AnyWare	Rockville
Jul 12 - 15	AnyWare	New York
Aug 2 - 5	AnyWare	Herndon/Reston
Sep 20 - 23	AnyWare	New York
Oct 25 - 28	AnyWare	Herndon/Reston
Nov 29 - Dec 2	AnyWare	Rockville

TO ENROL

Considering the Limits of Conventional Project Management
- Stretching the limits of conventional project management
- Rethinking the future of project management

Defining Complexity Science, Chaos Theory and Project Complexity Factors
Introducing complexity science and chaos theory
- Comparing and contrasting simple and complex systems
- Applying various complexity modeling techniques

Adopting the four-dimensional project complexity diagnostic tool
- Analysing project boundary conditions to understand the complexity of your project
- Determining the edge of chaos
- Assessing the significance of complex project risks
- Communicating project complexity factors to others

Employing an Adaptive Project Management Process
Beginning with adaptive principles
- Building with Agile software development
- Borrowing from the combat operations loop and the scientific method

The four-step adaptive project management process
- Implementing rolling wave planning and progressive elaboration
- Managing adaptive requirements, change and quality
- Scheduling, budgeting and metrics on complex projects

Minimising Scale on Strategic Projects
Aligning with corporate strategy and value engineering
- Executing portfolio management strategies
- Making the business case and delivering value
- Utilising business capability and purpose alignment models

Developing small, strategic batches of work
- Applying Van Creveld's Iron Rule and Occam's Razor
- Delivering minimal marketable features

Managing Pace on Complex Projects
Maintaining control through speed and agility
- Dealing with daily disruptions
- Employing fast-tracking and crashing
- Compressing the critical path

Incorporating Critical Chain and Lean techniques
- Evaluating Critical Chain project management
- Employing the theory of constraints and five focusing steps to eliminate waste and optimise flow

Exercising Strong Leadership
Leading adaptive teams
- Developing your core competencies
- Growing your sphere of influence and managing politics

Building CRACK teams
- Facilitating emergent organisation and self-management
- Agreeing on vision, goals, objectives and values
- Empowering and motivating the team
- Implementing effective feedback loops

Recognising and Managing Risks
Identifying and managing risks with scenario modeling
- Quantifying and mitigating risk threats

Tuition Fees & Savings Plans
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HASSLE-FREE ENROLMENT
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You can bring this course on-site to your organisation
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- Exploiting risk opportunities for disruptive innovation

Implementing probabilistic estimating tools and techniques
- Managing precision and accuracy
- Correcting estimating bias and reducing variability
- Revisiting the cone of uncertainty and order of magnitude estimating
- Leveraging PERT, Monte Carlo and Agile techniques

Building Your Personal Action Plan
- Putting it all together
- Analysing a real-world case study
- Assessing your own real-world projects
- Identifying specific actions you will take
- Gaining support and managing risks

Who Should Attend	+

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Attendees Who Took This Course Also Took:
- Developing User Requirements: The Key to Project Success
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- Project Management for Software Development
- Project Management: Skills for Success
- Project Time and Cost Management

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