PURPLE GRIFFON
The IT Service Management Training & Consultancy Specialists

Course Title: Software Project Management	**Course Duration**: 3.0 Days
Exam: Included	**Exam Type**: Proctored Exam
Qualification: Software Project Management Certificate	

Course Syllabus

Our Software Project Management training course will cover the following modules:

Module 1: Conducting a Project Kick-Off Meeting

- Identify where the software project fits in your business
- Identify the project stakeholders and their needs
- Set project objectives

Module 2: Balancing Development Needs with Organisational Expectations

- Select the right software development life cycle (SDLC) model for the project
- Evaluate the strengths and weaknesses of the Traditional project management approach as compared to Iterative and Agile
- Map your project management process relative to the project's SDLC

Module 3: Translating Stakeholder Needs into Actions

- Provide initial top-down estimates
- Identify tasks and phases using a work breakdown structure (WBS)
- Calculate realistic bottom-up estimates
- Sequence tasks into a network diagram
- Construct Gantt charts to assess resource needs
- Assess the risks of the project using risk management methods

Module 4: Running the Project on a Day-to-Day Basis

- Determine the working practices in Traditional, iterative, and Agile developments that offer the most significant impact
- Analyse how the SDLC drives deliverables
- Measure progress with milestones
- Detect and prevent software defects
- Engage the development team in the planning process

Module 5: Recognising and Overcoming Implementation Challenges

- Implement change control and configuration management
- Analyse project risk
- Measure progress and success

Module 6: Learning from Experience and Closing the Project

- Sharpen your project management skills and continuously improve the processes within your organisation

- Review project best practices, such as retrospectives and insights compared to past projects
- Influence an environment of process improvement with proven methods, such as “small and manageable”

Course Overview

Our three-day Software Project Management training course will teach you the basics of software development project management under the Waterfall and Agile methodologies.

Software project management is essential for ensuring that software projects are completed successfully, meeting the intended goals and objectives. Various project management methodologies, such as Agile, Waterfall, Scrum, and others, can be employed depending on the project's characteristics and requirements.

Course Learning Outcomes

Our Software Project Management training course will teach you how to:

- Compare and blend standard project management techniques with both Agile and Structured delivery approaches.
- Learn how to deliver software projects successfully.
- Continue learning and face new challenges with after-course one-on-one instructor coaching.

Audience

Our Software Project Management training course will benefit several individuals and organisations Including but not limited to:

- Software Developers
- Project Managers
- Team Leaders
- Quality Assurance/Testers
- Product Managers
- Entrepreneurs/Start-ups
- Business Analysts
- IT Managers
- Consultants

Entry-Level Requirements

Our Software Project Management training course has no entry-level requirements.

Recommended Reading

There is no recommended reading for our Software Project Management training course.

What's Included

Our Software Project Management training course includes the following:

- 3-day instructor-led training course
- After-course instructor coaching benefit

- Post-course Learning Tree exam included
- Pre-reading
- Course Manuel
- Quizzes
- Exercises

Exam Information

Software Project Management Examination:

- Format: Multiple Choice
- Questions: 40 Pass Mark:
- 70% (28/40 correct answers)

What's Next

You might enjoy our three-day Introduction To Project Management training course.

Our Introduction To Project Management training course provides you with the fundamental knowledge and skills to successfully lead a project from beginning to end. You will gain hands-on project experience through a simulated project case study. This course introduces best-practice techniques and a project management skill set that can immediately improve your project management performance back on the job.

As a Project Manager you would facilitate the execution of a project, from planning and development to managing teams and stakeholders and managing time, scope, and budget. In addition, the project manager is responsible for the project's success (or failure), and success in project management depends on having a solid foundation in project management principles and practices.

Additional Information

Our Software Project Management training course offers several benefits to individuals and organisations including but not limited to:

- **Improved Project Success Rates:** Effective software project management increases the likelihood of successfully completing projects on time, within budget, and meeting the desired quality standards.
- **Efficient Resource Allocation**: Project management skills help in allocating resources, such as human resources, time, and budget, more efficiently, reducing waste and optimising project outcomes.
- **Better Risk Management**: Software project management involves identifying and mitigating risks early in the project lifecycle, reducing the chances of costly surprises later on.
- **Faster Time-to-Market**: Efficient project management can lead to shorter development cycles, enabling products to reach the market faster and gain a competitive edge.
- **Cost Control**: Proper budgeting and cost management practices help control project expenses and prevent cost overruns.
- **Global Collaboration**: As software development teams become more geographically dispersed, project management practices help coordinate work across different locations and time zones.
- **Alignment with Business Goals**: Software project management ensures that development efforts align with the strategic goals and objectives of the organisation.