



PROJECT SCHEDULING PROFESSIONAL (PMI-SP)[®]



COURSE OVERVIEW

As projects become more complex with pressures to reduce timelines the need for competent project management scheduling specialists continues to grow. This growth is the driving force behind the need for a specialized, internationally recognised certification in project scheduling.

The Project Management Institute (PMI) offers a Scheduling Professional (PMI-SP)[®] credential which acknowledges an individual's role to provide unique expertise on the project team, while recognising the value this role provides to the field of project management.

The purpose of scheduling is to provide a “roadmap” or barchart that represents how and when the project will deliver the deliverables defined in the project scope by the project stakeholders.

WHO SHOULD ATTEND?

The course is not intended to train novices to schedule projects using any particular package e.g. Microsoft Project. The workshop is aimed at honing the skills of candidates with at least two years of scheduling experience into the best possible shape to pass the 3,5 hour PMI-SP exam comprising 170 multiple-choice questions.

ACCREDITATION

ProjectPro is a Registered Education Provider (REP no. 3618) with the Project Management Institute (PMI)[®] in the USA, and a Registered Education & Training Provider (RETP no. 0027) with Project Management South Africa (PMSA).

BENEFITS

Employers can trust PMI-SP credential holders to possess the skills, knowledge and experience to contribute directly to their crucial projects and to positively impact their organization's bottom line. This global credential supports organizational needs and organizations can be confident in hiring capable, experienced project scheduling practitioners.



WHY OUR COURSE?

ProjectPro aims to promote excellence in project management through high quality consulting services and accredited training according to the standards and global project management best practices of:

- ◆ South African Qualifications Authority (SAQA)
- ◆ International Organisation for Standardisation (ISO)
- ◆ Project Management Institute (PMI)

ProjectPro offers a 2-day preparation workshop for sitting the PMI-SP exam. For those not intending to sit the exam, the workshop will be an invaluable source of scheduling best practices.

The PMI-SP certification acknowledges the individual's unique expertise on the project team while demonstrating the recognition and value the role provides to the project management profession. It shows competence in developing and maintaining the project schedule while having a basic level of competence in all areas of project management.

RECENT SUCCESSFUL CANDIDATES



Dhivaash Sadaheew, Pierre Louw, David Moolman are some of the more recent candidates who have all been certified by the Project Management Institute (PMI). They attended ProjectPro's PMI-SP exam prep workshop and passed on their examinations first attempt.



COURSE PROGRAMME



Project Scheduling Professional (PMP-SP)

SESSION 1

- ◆ Overview of the PMI-SP Credential
- ◆ Applying to PMI for Scheduling Professional exam
- ◆ Reference Materials
- ◆ Exam Outline

SESSION 2

- ◆ Scheduling context & approaches
- ◆ Purpose of Scheduling
- ◆ Project Life Cycles
- ◆ Overview of the PMBOK , PM Processes and Knowledge Areas
- ◆ Work Breakdown Structures & Decomposition

SESSION 3

- ◆ Overview of the Scheduling Practice Standard
- ◆ The Scheduling Tool, Model & Instances
- ◆ Examination Content overview & PMBOK Mappings

SESSION 4

- ◆ Program Evaluation and Review Technique (PERT)
- ◆ Critical Path Method & Activity Network Diagrams
- ◆ Precedence Diagramming Method
- ◆ Critical Chain Method

SESSION 5

- ◆ Schedule Development Processes
- ◆ Dependencies & Lags/Leads
- ◆ Duration Estimation Techniques
- ◆ Schedule Compression
- ◆ Resource Management

SESSION 6

- ◆ Schedule Model Maintenance & Change Control
- ◆ Risk Management Fundamentals & Concepts
- ◆ Probability theory and basic statistics
- ◆ Schedule Risk Analysis & Monte Carlo Simulation
- ◆ Earned Value Management

SESSION 7

- ◆ Forecasting
- ◆ Earned Schedule
- ◆ Communication Management & Scheduling
- ◆ Conflict Resolution and Negotiation

SESSION 8

- ◆ Motivational Theory
- ◆ Schedule Close-out
- ◆ Scheduling Good Practices; Do's and Don'ts
- ◆ How to read and answer the exam questions
- ◆ Exam Strategy
- ◆ On the day of the Exam

