

Construction Project Management Masterclass

PeterJoubert Associates

“A good road map, a clear destination and a well paved-road are key to a successful journey”

Enabling construction project managers and engineers to understand all the key aspects of construction project management to execute projects on time, within budget to the required scope and quality

OVERVIEW

The construction industry erects structures that can be seen for decades and even centuries after completion. There is no place for sloppiness. A company that is effective and do a proper project plan based on client requirements and cost it accurately will be in a position to work on a profit and beat the competitors. There is an overall shortage of people with project management skills. in the construction industry. Contracting skills and managing income and costs is of prime importance to generate a good ROI.

KEY OBJECTIVES OF THE COURSE

This course will enable learners to establish a solid framework for consistently managing successful projects by drawing up a comprehensive Project Management Plan covering the following management aspects:

- Scope management
- Cost management
- Quality management
- Communication management
- Procurement management
- Claims management
- Project time management
- Financial management
- Human resource management
- Risk management
- Integration management
- Health and safety management

Centurion
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“This course is aligned with the internationally recognized Project Management Body of Knowledge (PMBOK) It takes the learner through the entire project life cycle”.

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LEARNING OBJECTIVES

This workshop will enable you to determine client requirements and contracting. Thereafter define and plan a project. You will learn to build and manage the project effectively by using applicable processes and good people management.

At the end of the course you will be able to:

Initiate a project

- Determine the project requirements
- Perform contracting
- Develop & interpret a project charter
- Define the project
- Develop a project statement and objectives that focus on the project goal
- Create a work breakdown structure to organise the project accomplishments & deliverables
- Identify resource requirements needed to meet the project objectives
- Perform estimation techniques applicable to the construction industry

Project planning

- Perform project scope management
- Develop a project management plan
- Use bar charts and network diagrams to schedule and track project progress
- Perform a risk analysis to deal with potential problems
- Allocate cost and schedule resources

Project Implementation

- Direct and manage project execution
- Monitor the progress of the project
- Perform project quality management
- Perform project financial management
- Implement change management to meet changing requirements and conditions
- Lead the project successfully and acquire people management skills
- Evaluate the outcome of the project
- Conduct the project completion/termination

WHO SHOULD ATTEND

Managers, supervisory staff and members who perform a role in project management related to the construction industry will find this course invaluable in building their project management skills

This executive training course is for:

- Engineers
- Construction project managers
- Consulting & design engineers
- Engineers in training
- Functional managers
- Project sponsors
- Architects
- Quantity surveyors etc.

ACHIEVE DELIVERABLES THROUGH

- Lectures
- Group workshops
- Practical exercises
- In-class debate

MODULE BENEFITS

A highly qualified facilitator ensures that all learning content is communicated by using proven methods. The training program will meet the learning needs because of the synergy between individuals, the group and facilitator.

As the training will be in a relaxed non-threatening manner, each participant can adjust and warm to the learning atmosphere in their own way. Experiential learning methods will be encouraged where the participants work situations will be brought into the training wherever applicable with the solving of real in house problems with the trainers experience.

Training needs analysis & post training effectiveness assessment

To ensure that participants gain maximum benefits from the course, detailed questionnaires will be sent to all course participants to establish exactly where their training needs lie.

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THREE DAY TRAINING PROGRAMME OUTLINE:

DAY ONE

Session one

- Brief history of modern Construction Project Management
- How is the construction industry unique
- Expectations of delegates

Session Two

- What is Project Management in the Real Estate Environment
- The importance of the project management approach
- Project management definitions
- Requirements for project management success
- The nature of a project
- Classification of projects
- Requirements analysis
- Value management
- The life cycle of a project

Session Three -Scope Management

- Project charter
- Project Statement of Work (SOW)
- The project scope

DAY TWO

Session One - Project Planning

- Project task planning
- Work breakdown structure
- Resource planning
- Role & responsibility assignments

Session Two

- Project time management
- Network and Gantt chart development

Session Three

- Develop a basis for tracking reporting and managing the project

DAY THREE

Session One—Risk Management

- Risk management process
- Risk management planning
- Risk response development
- Risk response monitoring and control

Session Two

- Project safety management
- Project quality management
- Analysing rework
- Develop action plans for addressing root causes

Session Three

- Financial management
- Project budget
- Financial reports
- Earned value management
- The closed loop project control process

Session Four

- Claim management
- Human resource management
- Team development
- Project leadership

Session Five

- Communications management
- Administrative closure
- Contact closeout

METHODOLOGY

The project management processes and techniques will be mastered by means of hands on applications derived from case studies and practical work assignments. Supportive instruments, templates and tools covering all the processes are provided.

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ABOUT YOUR FACILITATOR

Piet Joubert is a seasoned consultant with over 25 years experience of Project Management, Problem Solving & Decision Making and Team Building.

Piet is a highly experienced facilitator and a management & business development specialist. He is a seasoned project manager playing various roles in projects over the past 14 years.

He uses a structured approach with proven processes to execute assignments. He has a good understanding of business in a variety of industries, and is equally at home on board level assignments and dealing with people at the grass roots level.

Areas of specialisation:

- Strategy development
 - Corporate
 - Business
 - Sales & Marketing
- Project Management – Defining structuring, planning and execution of projects
- Business Process Mapping & Analysis, utilising applicable case tools where necessary
- Problem solving (technical & people)
- Decision making

Qualifications and Accreditations

- BA University of Pretoria
- BA (Hons) University of Port Elizabeth
- Certificate in Business Management, RAU University (Johannesburg)

Professional Experience

- Management Consultant, performing business/management consulting, project assignments and training
- Business Development Manager – SAFTO (South African Foreign Trade Organisation). Initiated new projects and services for the company
- Management consultant at Sep Serfontein Associates & Kepner Tregoe South Africa. Main contribution in organisation development and workshop presentation viz problem solving, project management & team building

Professional Experience continued

- Training Manager at Shatterprufe Safety Glass. Responsible for the corporate training function providing a service to four plants
- Head of Industrial Relations at Richards Bay Minerals (new venture)
Established the department from inception. IR structures and systems.
Building and purchasing of houses to accommodate temporary and permanent staff.

Relevant Clients

Piet has led successful training sessions and workshops along with a successful track record.

He conducted assignments in South Africa, the Sultanate of Oman, Ethiopia and Kuwait.

Problem Solving and Decision Making Experience

He was originally trained in the well known process of Kepner-Tregoe as training manager for Pilkington-Shatterprufe Glass and contribute to generate huge cost savings by proper problem solving and decision making. He later worked for Kepner-Tregoe South Africa as a consultant. He presented workshops in problem solving across many industries in South Africa, Zimbabwe, Malawi & the Middle East. The emphasis was on solving technical and process problems.

Some clients included:

- Petrochemicals (Sasol, Petro-SA)
- Paper & pulp factories, Mondi Merebank
- Motor industry, Volkswagen of SA & Nissan
- Eskom – power stations – coal,
- Oman Cables Industry
- Richards Bay Coal terminal.
- AST – Mentoring
- Standard Bank of South Africa – Problem Solving
- ABSA Bank South Africa
- First National Bank of South Africa
- Wesbank South Africa
- Aslaa Kuwait
- Oman Cables Industry

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