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Department:
Statistics South Africa
REPUBLIC OF SOUTH AFRICA

SPECIFICATION

DELIVERY MODE	TRAINING TYPE	LEARNING CONTENT/TRAINING CONTENT OUTLINE	DURATION OF THE COURSE
Visual/online	Advanced Project Management	<p>Module 1: Strategic Project Management</p> <ul style="list-style-type: none">• Linking projects to organisational strategy (OKRs, Balanced Scorecard)• Business case development and investment appraisal (NPV, IRR, ROI)• Benefits Realisation Management (BRM)• Portfolio alignment and prioritisation models <p>Module 2: Project Integration & Lifecycle Management</p> <ul style="list-style-type: none">• Project Integration processes (charter → closure)• Development of Project Management Plan• Integrated Change Control• Lifecycle models (Predictive, Agile, Hybrid)• Phase-gate reviews and lifecycle governance <p>Module 3. Advanced Scope, Time & Schedule Management</p> <ul style="list-style-type: none">• Advanced scope definition (WBS, requirements traceability)• Schedule development techniques (CPM, PERT, CCPM)• Resource optimisation (levelling & smoothing)• Schedule compression (fast-tracking, crashing) <p>Module 4. Advanced Cost & Financial Management</p> <ul style="list-style-type: none">• Cost estimation techniques and budgeting• Earned Value Management (EVM)• Forecasting (EAC, ETC, VAC)	2 – 3 Months

- Financial governance (CapEx vs OpEx, funding models)

Module 5. Risk Management (Qualitative & Quantitative)

- Risk identification and categorisation frameworks
- Qualitative risk analysis (probability-impact matrix)
- Quantitative techniques (Monte Carlo, sensitivity analysis)
- Risk response strategies (avoid, mitigate, exploit, transfer)

Module 6. Project Governance & PMO Frameworks

- Governance structures (Steering Committee, Project Board)
- Decision-making models (RACI, RAPID)
- PMO types (Supportive, Controlling, Directive)
- Maturity models (P3M3, OPM3)
- Audit, compliance, and stage-gate control

Module 7. Stakeholder & Communication Management

- Stakeholder analysis (power-interest grid, influence mapping)
- Stakeholder engagement strategies
- Communication planning and reporting structures
- Managing stakeholder expectations and conflict

Module 8. Advanced Leadership & Team Development

- Leadership styles (transformational, servant, situational)
- Building high-performance teams
- Conflict resolution and negotiation
- Emotional intelligence in project leadership

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Module 9. Change Management

- Organisational change principles
- Change management frameworks (ADKAR)
- Change impact assessment
- Communication and adoption strategies
- Resistance management

Module 10. Agile, Hybrid & Scaled Project Management

- Agile methodologies (Scrum, Kanban, Lean)
- Scaling frameworks (SAFe, LeSS, Disciplined Agile)
- Hybrid model implementation
- Continuous delivery and MVP approaches

Module 11. Procurement & Contract Management

- Procurement planning and strategy
- Contract types (fixed-price, cost-plus, T&M)
- Supplier selection and evaluation
- Contract administration and performance management

Module 12. Quality & Performance Management

- Quality planning, assurance, and control
- Continuous improvement (Six Sigma, DMAIC)
- Root cause analysis (5 Whys, Fishbone)
- Performance measurement frameworks and KPIs

Module 13: Monitoring, Reporting & Control

- Performance tracking and reporting systems
- KPI dashboards and data analytics
- Variance analysis and corrective actions
- Integrated reporting (cost, schedule, risk)

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Module 14. Digital Tools & Innovation in Project Management

- Project Management Information Systems (PMIS)
- Tools (MS Project, Jira, Primavera, Power BI)
- AI and automation in project delivery
- Predictive analytics and data-driven decision making

Module 15. Knowledge Management & Lessons Learned

- Knowledge capture and sharing frameworks
- Lessons learned processes
- Organisational learning systems
- Continuous improvement culture

Module 16: Capstone / Practical Application

- Real-world project simulation
- Group-based project execution
- Integration of all knowledge areas
- Final presentation and assessment

TAKE NOTE OF THE BELOW

Assessment Type: POE/Exam

Accreditation Status: Suppliers who are accredited with QCTO

-Offering Accredited Courses.

