



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

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COURSE BROCHURE

Technical Support for Project Estimating Services

Business, Commerce and Management Studies / Project Management

Unit Standard 244556 · NQF Level 4 · 9 Credits · 6 Days

COURSE OVERVIEW

This course equips learners with the skills to provide effective technical support for project estimating services, ensuring accurate cost and resource estimations. It covers the use of estimating tools, data analysis, and communication with project teams to enhance project planning and control.

Category	Business, Commerce and Management Studies
Subfield	Project Management
Unit Standard	244556
Accreditation	SAQA Accredited · NQF Level 4 · 9 Credits
Duration	6 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Apply estimating techniques to support project cost and resource calculations.
- Analyze historical data and project specifications to inform estimating decisions.
- Evaluate the accuracy of estimates using variance analysis and benchmarking.
- Implement estimating software and tools to improve efficiency and consistency.
- Demonstrate effective communication with project stakeholders regarding estimate assumptions and limitations.
- Design estimating support processes that align with organisational project management frameworks.

WHO SHOULD ATTEND

- This course is designed for project support staff, estimators, and junior project managers who are responsible for assisting with project estimating functions in corporate or engineering environments.

COURSE OUTLINE

Day 1: Introduction to Project Estimating and Technical Support

- Overview of project estimating services
- Role of technical support in the estimating process
- Types of estimates: order of magnitude, budgetary, definitive
- Project lifecycle phases and estimating touchpoints
- Key terminology in cost estimation
- Factors affecting estimate accuracy
- Introduction to estimating standards and best practices

Day 2: Data Collection and Analysis for Estimating

- Data sources: internal records, industry databases, vendor quotes
- Data verification techniques
- Historical data analysis and normalisation
- Introduction to statistical analysis for estimators
- Handling incomplete or uncertain data
- Documenting assumptions and exclusions
- Practical exercise: collecting sample data

Day 3: Estimating Techniques and Methods

- Parametric estimating: cost per unit models
- Analogous estimating using similar projects
- Bottom-up estimating with WBS
- Three-point estimating (PERT)
- Expert judgment and Delphi technique
- Vendor bid analysis
- Choosing the right method
- Practical exercise: applying two methods

Day 4: Costing, Pricing, and Budgeting

- Direct costs: labour, materials, equipment
- Indirect costs: overheads, general and administrative
- Pricing strategies: cost-plus, fixed price
- Contingency and management reserve
- Escalation and inflation factors
- Budget formulation and approval
- Cost summary report structure
- Practical exercise: building a budget

Day 5: Risk Assessment and Estimate Validation

- Risk identification for cost estimation
- Qualitative and quantitative risk analysis
- Sensitivity analysis and tornado diagrams
- Monte Carlo simulation overview
- Risk mitigation and contingency planning
- Estimate validation techniques
- Peer review and independent cost estimates

- Practical exercise: risk-adjusted estimate

Day 6: Reporting, Communication, and Ethics

- Estimate report format and content
- Presenting estimates to management
- Ethical considerations and confidentiality
- Quality assurance and continuous improvement
- Role of technical support in change management
- Integration with project controls and scheduling
- Final assessment and course wrap-up

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **9 NQF credits** at **NQF Level 4**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 25,600.00	R 25,600.00
1	In-House	R 33,300.00	R 33,300.00
1	On-Campus (Pretoria)	R 38,400.00	R 38,400.00

UPCOMING SESSIONS

Start	End	Method	Venue
03 Aug 2026	10 Aug 2026	On-Campus	Dubai, UAE
04 Aug 2026	11 Aug 2026	On-Campus	Pretoria, South Africa
04 Aug 2026	11 Aug 2026	On-Campus	Lagos, Nigeria
05 Aug 2026	12 Aug 2026	On-Campus	Johannesburg, South Africa
06 Aug 2026	13 Aug 2026	On-Campus	Mauritius
07 Aug 2026	14 Aug 2026	On-Campus	Cape Town, South Africa
10 Aug 2026	17 Aug 2026	On-Campus	Pretoria, South Africa
11 Aug 2026	18 Aug 2026	On-Campus	Abu Dhabi, UAE

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 244556) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call **+27 12 004 8389** or WhatsApp **+27 65 077 6310** and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

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