



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

Monitor And Control Cost And Production Of A Construction Work Activity And Implement Productivity Improvements Training

Physical Planning and Construction / Building Construction

Unit Standard 119063 · NQF Level 2 · 10 Credits · 7 Days

COURSE OVERVIEW

This course equips learners with the skills to monitor and control costs and production in construction work activities, enabling them to implement productivity improvements. Participants will learn to track financial performance, manage resources efficiently, and apply techniques to enhance productivity on construction sites.

Category	Physical Planning and Construction
Subfield	Building Construction
Unit Standard	119063
Accreditation	SAQA Accredited · NQF Level 2 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Monitor and control costs against the budget for a construction work activity
- Monitor and control production outputs against targets for a construction work activity
- Identify and analyze variances in cost and production performance
- Implement corrective actions to address variances and improve productivity
- Evaluate the effectiveness of productivity improvement measures
- Apply relevant health and safety regulations during cost and production monitoring

WHO SHOULD ATTEND

- This course is designed for construction supervisors, project managers, site agents, and aspiring construction managers who are responsible for monitoring costs and production on construction projects.

COURSE OUTLINE

Day 1: Introduction to Cost and Production Monitoring in Construction

- Overview of the construction project lifecycle and work activities.
- Definition of cost, production, and productivity in construction.
- Key performance indicators (KPIs) for monitoring.
- Roles and responsibilities of the supervisor.
- Introduction to relevant SAQA unit standards and legislation.
- Ethical considerations and professionalism.

Day 2: Planning and Scheduling for Cost and Production Control

- Work breakdown structure (WBS) development.
- Scheduling techniques: Gantt charts and CPM basics.
- Resource estimation: labour, materials, plant.
- Cost estimation methods: unit rates, historical data.
- Setting baselines for cost and production.
- Practical exercise: planning a small construction activity.

Day 3: Monitoring Techniques for Cost and Production

- Cost monitoring: actual vs budget, earned value management (EVM) introduction.
- Production monitoring: output rates, cycle times.
- Data collection methods and documentation.
- Variance analysis: cost variance (CV) and schedule variance (SV).
- Reporting formats for progress and cost.
- Case studies on common monitoring challenges.

Day 4: Analysing Productivity and Identifying Improvement Opportunities

- Productivity measurement: output per labour hour, per material unit.
- Factors impacting productivity: weather, site conditions, supervision.
- Root cause analysis tools: fishbone diagram, 5 Whys.
- Benchmarking against industry standards.
- Identifying waste: downtime, rework, delays.
- Group exercise: productivity analysis of a case study.

Day 5: Implementing Productivity Improvement Strategies

- Lean construction: just-in-time, continuous improvement (Kaizen).
- Action planning: SMART objectives, timelines, responsibilities.
- Work method improvements: task redesign, sequencing.
- Resource optimisation: crew balancing, equipment allocation.
- Change management and communication strategies.
- Practical exercise: developing an improvement plan.

Day 6: Monitoring and Evaluating the Impact of Improvements

- Monitoring after implementation: data collection and review.
- Control charts for cost and production.
- Trend analysis and performance dashboards.
- Corrective actions and plan adjustments.
- Lessons learned documentation.

- Continuous improvement cycle (Plan-Do-Check-Act).

Day 7: Integration, Assessment, and Action Planning

- Review of key concepts and integration.
- Simulated project: monitoring, analysis, improvement implementation.
- Formal assessment: written test and practical demonstration.
- Personal action plan for workplace application.
- Course evaluation and feedback.
- Certification guidance.

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 **10 NQF credits** at **NQF Level 2**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 28,200.00	R 28,200.00
1	In-House	R 36,700.00	R 36,700.00
1	On-Campus (Pretoria)	R 42,300.00	R 42,300.00

UPCOMING SESSIONS

Start	End	Method	Venue
04 Aug 2026	12 Aug 2026	On-Campus	Dubai, UAE
05 Aug 2026	13 Aug 2026	On-Campus	Pretoria, South Africa
05 Aug 2026	13 Aug 2026	On-Campus	Lagos, Nigeria
06 Aug 2026	14 Aug 2026	On-Campus	Johannesburg, South Africa
07 Aug 2026	17 Aug 2026	On-Campus	Mauritius
10 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	20 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 119063) 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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