



# A F R I C A N A C A D E M Y

**Name:** Basic Draughting

**Programme:** SAQA ID: 66017 Further Education and Training Certificate: Computer Aided Drawing  
Office Practice (NQF 4)

**Part time:**

<p><b>Description</b></p> <p>The intention of this qualification is to serve the architectural, engineering and construction industries by providing skilled draughtspersons who can produce drawings that address the need to move from traditional manual draughting to computer aided draughting. Portability across other National Qualifications in Engineering and draughting is therefore ensured</p> <p><b>Admission requirements</b></p> <p>Comprehension and application of the English language, Mathematics, Physical Science, and Technical drawing on a Grade 12 level minimum.</p> <p><b>Selection Procedure</b></p> <p>A candidate with the above qualifications will enter into a selection process that consists of a personal interview and psychometric testing together with an assessment on the communication NQF 3 level.</p> <p><b>Programme content</b></p> <p><b>Fundamental and Core:</b></p> <ul style="list-style-type: none"><li>• Communication and Language</li><li>• Numeracy</li><li>• Basic Computer Knowledge</li><li>• Drawing Office Orientation</li><li>• CAD (AutoCAD)</li><li>• Set up, prepare 3D model space, and produce a 3D model.</li></ul> <p><b>Multi disciplinary Pathway:</b></p> <ul style="list-style-type: none"><li>• Mechanical Draughting</li><li>• Mechanical Theory</li><li>• Piping Draughting</li><li>• Electrical Draughting</li><li>• Structural Steel Detailing</li></ul>	<p><b>Duration</b></p> <p>18 Months - 12 Months Theory and 6 Months workplace experience</p> <p><b>Course Fees - Please Contact Us</b></p> <p>Monies are payable upfront or with a study loan. Please contact the Academy for the relevant course fees.</p> <p><b>Additional Costs (books, kits, etc)</b></p> <p>All additional costs are included in the course fee. Student packages on the software are additional.</p> <p><b>Career path/ Opportunities</b></p> <p><b>Horizontal Articulation:</b></p> <p>National Certificates in –</p> <ul style="list-style-type: none"><li>• Mining Engineering: Fitting and Machining NQF 4</li><li>• Road works and construction NQF 4</li><li>• Automotive Components Manufacturing and Assembling NQF 4</li><li>• Air conditioning, Refrigeration and Ventilation NQF 4</li><li>• Electrical engineering NQF 4</li></ul> <p><b>Vertical articulation:</b></p> <ul style="list-style-type: none"><li>• National Diploma: Structural Steelwork Detaining NQF 5</li></ul> <p><b>Certification</b></p> <p>On successful completion of the programme, the student will receive a Certificate, Issued by the Construction Seta.</p> <p><b>Disclaimer</b></p> <p>The content of this brochure, accurate at the time of going to print, is subject to change without notification due to legislation, market requirements or any other reason. African Academy reserves the right to change the programme content without notice.</p>
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