

cad4ALL
Career & Design College

2019



CONSTRUCTION CONTRACTING & TECHNOLOGY



Construction Contracting & Technology

This Qualification enables you to understand the principles behind construction and design. You'll develop the critical judgment to take on high level technician roles in the construction industry.

These qualifications could help you develop your career to become a senior technologist supervising others, to work as a senior manager in various roles in construction or start your own company.

The Certificate in Construction will allow you entry into the construction industry. The Certificate (Year 1) is ideal if you're new to construction and want a grounding in the industry, or if you're already working in a basic construction job and want to expand your knowledge. Year 2, National Diploma will further your construction and design skills.

Career advancement:

- Architectural Technology
- Multi-Disciplinary & Piping Draughting
- Architectural Technology
- CAD Designer
- Project Manager

National Certificate

Duration: 1 year - SAQA: 20813

National Diploma

Duration: 2 years - TBA



International Certifications – Global Certified User

Autodesk AutoCAD – 2D & 3D

Autodesk Revit Architecture / Microsoft Office

Job Opportunities

Construction Technician, General Construction, Construction Manager, Construction Draughtsman as well as self-employment opportunities.

Entrance Requirements

- National Senior Certificate - Grade 12 (Matric)
- NQF Level 3 Qualification
- Mathematics Literacy at Grade 12 (Extended or Core – Namibia)
- Communication / English at Grade 12

Subjects : Year 1 National Certificate

- Core Construction Skills Principles
- Basic Construction Skills Principles
- Core Construction Skills Practice
- Construction Technician Principles 1
- Construction Technician Practice 1
- Safety on a Building Project OHS
- Fire and First Aid OHS
- Reading a Building Plan
- CAD Introduction
- Scheduling Introduction
- Technical Building Drawings
- Construction Technology
- Materials and Applied Building Science
- Introduction to Construction Bi-Laws and NHBC



International Certifications – Global Certified User

Autodesk AutoCAD – 2D & 3D

Autodesk Revit Architecture / Microsoft Office

Job Opportunities

Construction Technician, General Construction, Construction Manager, Construction Draughtsman as well as self-employment opportunities.

Entrance Requirements

- Year 1 National Certificate (CAD4ALL)

Subjects : Year 2 National Diploma

- Construction Skills Principles
- Drawing and Surveying Techniques 2 Practice
- Construction Techniques 2 Practice
- Environmental Science and Construction Techniques Principles
- Construction Measurement Principles
- Designing for Construction
- Construction Mathematics
- Green Building
- Structural Mechanics Principles
- Entrepreneurship
- CAD Advanced
- Scheduling Advanced
- Estimating
- Applied Building Science
- Drawing Techniques
- Construction Surveying
- Tendering and Estimating
- OHS (Occupational Health & Safety)
- Environmental Science

