

cad4ALL
Career & Design College

2019



ARCHITECTURAL DRAUGHTING





The Architectural CAD Draughting Qualification

This Qualification will teach the student how to operate various CAD software applications and focuses on architectural draughting (drawing of building plans). It will skill the learner to draught via CAD software, the technical drawings of building structures and the complete presentation and construction drawings for submission to the local municipality.

Draughting is an exciting and important career. In the past, Draughting was performed by hand on a drawing board, but today, computers make life much easier for everyone.

The job of an Architectural Draughtsperson is to prepare detailed drawings of architectural designs and plans for buildings and structures according to specifications provided by the architect, client and other project team members.

Career advancement:

- CAD 2 (Multi-Disciplinary & Piping Draughting NC)
- Architectural Technology
- Construction Technology
- Project Management

National Certificate

Duration: 1 year - SAQA: 66071

International Certifications – Global Certified User

Autodesk AutoCAD – 2D & 3D

Autodesk Revit Architecture

Job Opportunities

Architectural Draughtsperson, CAD 2D Designer,
CAD 3D Designer, CAD Operator, General Draughtsman.

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
- Engineering Graphics & Design at Grade 12 (Advantageous)

Subject : Year 1 National Certificate

- Architectural Draughting(Drawing House Plans)
- Free Hand Sketching
- Scheduling
- Measuring Instruments – DOP
- Drawing Office Practice
- CAD 2D Level 1 Draughting
- CAD 3D Level 1 Design
- Occupational Health and Safety
- Surveying within Architecture
- Revit Architecture Introduction
- 4M Idea Architecture Simulation Design Level 1
- Scale Model Building
- Fundamental Learning in Communication / English
- Literary Communication
- Draughting Applied Mathematics
- SketchUp 3D
- Rendering

