

### About us

Gola Institute of Engineering Pty (Ltd) is a training service provider complimenting the engineering services in the Energy, Water, Mining Manufacturing and Petrochemical industries. We provide reputable training aspired candidates who want to be engineering draftsmen or women. We are CETA accredited service provider situated in Secunda.

### Our Mission

To provide specialized training to candidates with proven potential in the engineering and related industries. We shall be striving to :

- Promote human skills development and diversity by providing specialized practical and theoretical training.
- Maintain a high standard of training, thereby adding value to the qualifications obtained through the academy and becoming a reputable name in engineering skill training.
- Prepare learners for a successful career in the engineering industry, thereby fulfilling the needs of industry for skilled human resources.
- Conduct our business with integrity, encouraging honesty and loyalty.

### Our Vision

- To address the skills shortage in the engineering industries.
- To become a respected name in training of specialized skills in the engineering environment.
- To provide and prepare our candidates for equal access to opportunities in the engineering environment by offering quality training.

### Courses and Programmes offered

Learnerships / course in **Computer Aided Drawing Office Practise (CAD) NQF 4.**

**Minimum credits of: 131**

### Admission requirements

The course requires one to have matriculated with mathematics and science passed or an equivalence of National Technical Certificate (NTC) N3 with mathematics and science passed with a minimum of 50%. A technical drawing subject is an added advantage.

### How the course is run

The Academy is presenting this SAQA qualification in a year's length (full time) and is normally divided into two components, theory and on the job training (practical). The practical comprises 50% and the theory 50% of the course. If the course I run as a learnership, an employer must be identified to help learners achieve their practical component of the training. In a case where the training is not done as a learnership, practical training will need to be achieved at some point to achieve a full qualification.

This qualification is intended to serve the architectural, engineering and construction industries by providing skilled draftsperson that can produce construction drawings which address the need to move from traditional manual drafting to Computer Aided Drawing and Drafting. Portability across other National Qualifications in Engineering and Drafting is therefore ensured.

### CAD Programmes

Skills courses in CAD programmes like:

- AutoCAD
- Inventor

### Who can attend this course?

Learners who are doing technical drawing, learners who are planning to pursue engineering studies, engineers and technicians. The CAD programmes are aimed at understanding engineering modelling of mechanical components in 3D and 2D perspective, compiling 3D assembly models creating construction drawings. Understanding of these CAD programmes from the basis of advanced modelling and simulations for analysis with other advanced engineering CAD programmes.

### Gola-SpecCon offering Computer Training in

- Microsoft Word – Level 1, Level 2 and Level 3
- Microsoft Excel - Level 1, Level 2 and Level 3

- Microsoft Project – Level 1 and Level 2
- Microsoft Access - Level 1 and Level 2
- Microsoft PowerPoint - Level 1 and Level 2

The courses can be offered in two ways depending on the flexibility of the candidates doing the course.

- Option 1: workshops
- Option 2: E-Learning