# INTRO TO AUTOCAD

### COURSE INFO [5 -10 DAYS/10HOURS]

Level 1 - Drafting Foundations

Learning Objectives: 2D Cad Drawing

Drafting equipment and exploring autocad software

Drawing lines & shapes

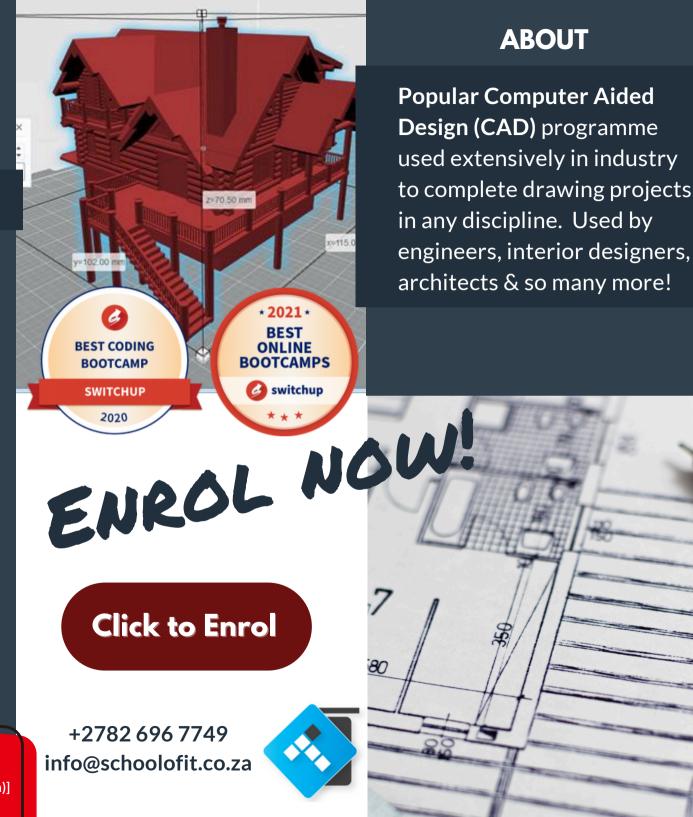
CAD drawing & design

line weight

Multiview drawings

Adding details: sections, symbols, and more

PRICE: R8 900 / \$500 / €480 [Full Payment before commencement (no payment plan)]



#### COURSE INFO [5 -10 DAYS/20HOURS]

Construction Management: Reading Drawings & Specifications

Learning objectives

Deciphering the language of construction drawings

Understanding line types

Reviewing plan views, elevation views, section views, and isometric views

Reviewing architectural drawings, structural drawings, and mechanical drawings

Reviewing reference points on drawings

Building Information Modeling (BIM)

PRICE: R10 900 / \$740 / €630

[Full Payment before commencement (no payment plan)]



## ABOUT

Popular Computer Aided Design (CAD) programme used extensively in industry to complete drawing projects in any discipline. Used by engineers, interior designers, architects & so many more!

COURSE INFO [5 -10 DAYS/20HOURS]

2D CAD Drawing

Learning objectives

Working with the AutoCAD interface

Drawing simple geometry

Adding annotations

Creating title blocks

Adding layouts and viewports

Printing and plotting



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+-2 International exams additional in price

+2782 696 7749 info@schoolofit.co.za

PRICE: R12 900 / \$850 / €720 [Full Payment before commencement (no payment plan)]

#### COURSE INFO [5 -10 DAYS/20HOURS]

### 2D to 3D

Create solid forms and display solid Toolbar.

Create primitives, turning a 2D polyline into a 3D Solid.

Create complex solids, tapering an extrusion.

Edit solids and enhancing the 2D Drawing Process.

Adding Reflections and Detail with Ray Tracing

Printing/ Plotting your 3D Drawing.

PRICE: R12 900 / \$850 / €720 [Full Payment before commencement (no payment plan)]



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#### COURSE INFO [5 -10 DAYS/20HOURS]

## **3D Architectural Rendering**

#### Learning objectives

Setting up units and options

Working with templates

Using drawing tools

Modifying objects

Using the hatch and gradient editors

Aligning and framing text

Dimensioning techniques

Using the continue and baseline commands

**Reusing content** 

**Editing attributes** 

Designing tables

Using external references (XREFs)

#### PRICE: R14 900 / \$1000 / €860

[Full Payment before commencement (no payment plan)]



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## AUTOCAD LEVEL 6 COURSE INFO [5 -10 DAYS/20HOURS]

### Level 6

Drawing advanced objects

Working with regions and multilines Selecting objects

Copying properties from one object to another

Working with layer states and layer filters

Applying advanced object snaps

Moving and rotating the UCS origin

Rotating and scaling objects

Trimming and extending objects

**Customizing viewports** 

**Publishing drawings** 

Annotating drawings

**Creating layouts** 

Creating reusable content with blocks

Working with XREFs

#### PRICE: R14 900 / \$1000 / €860

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