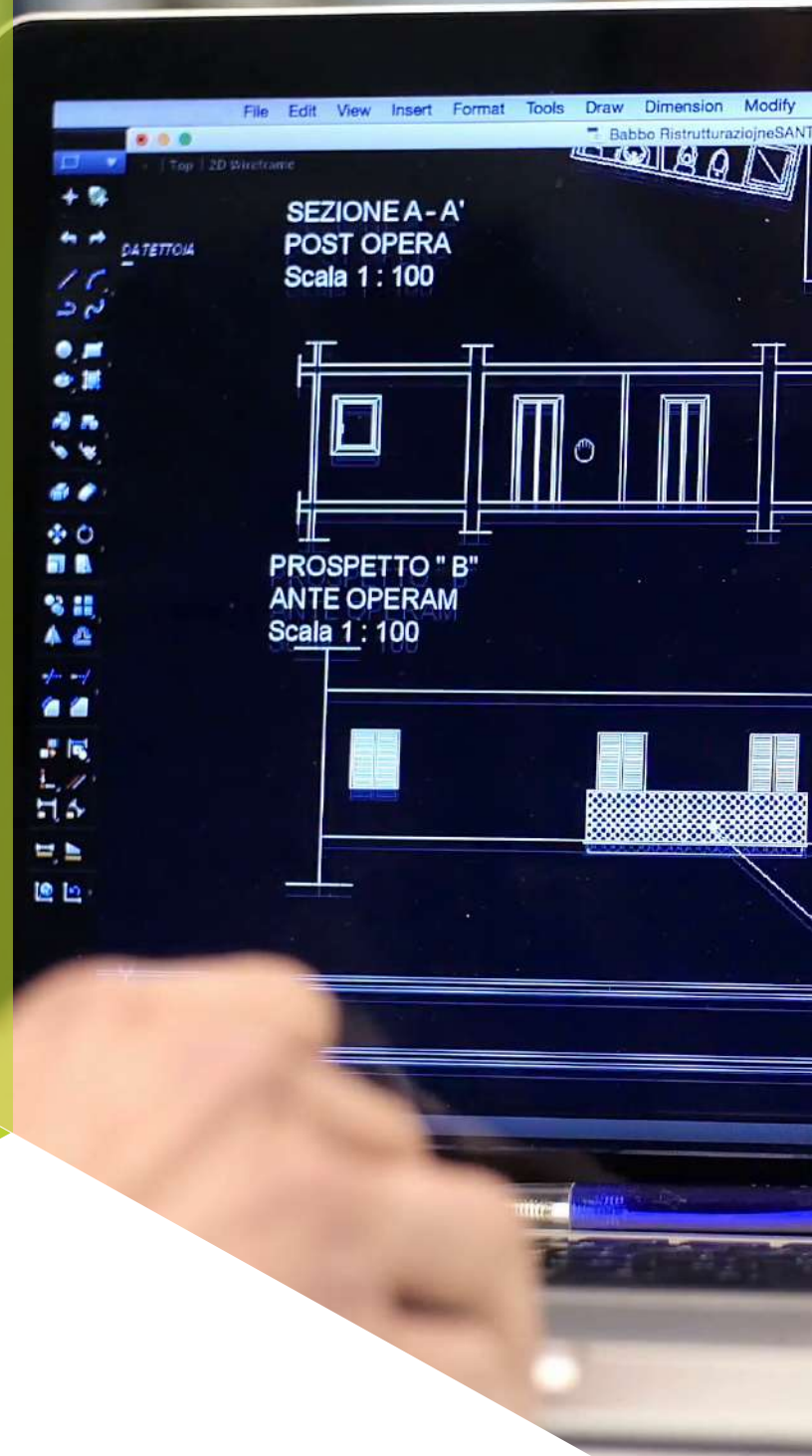
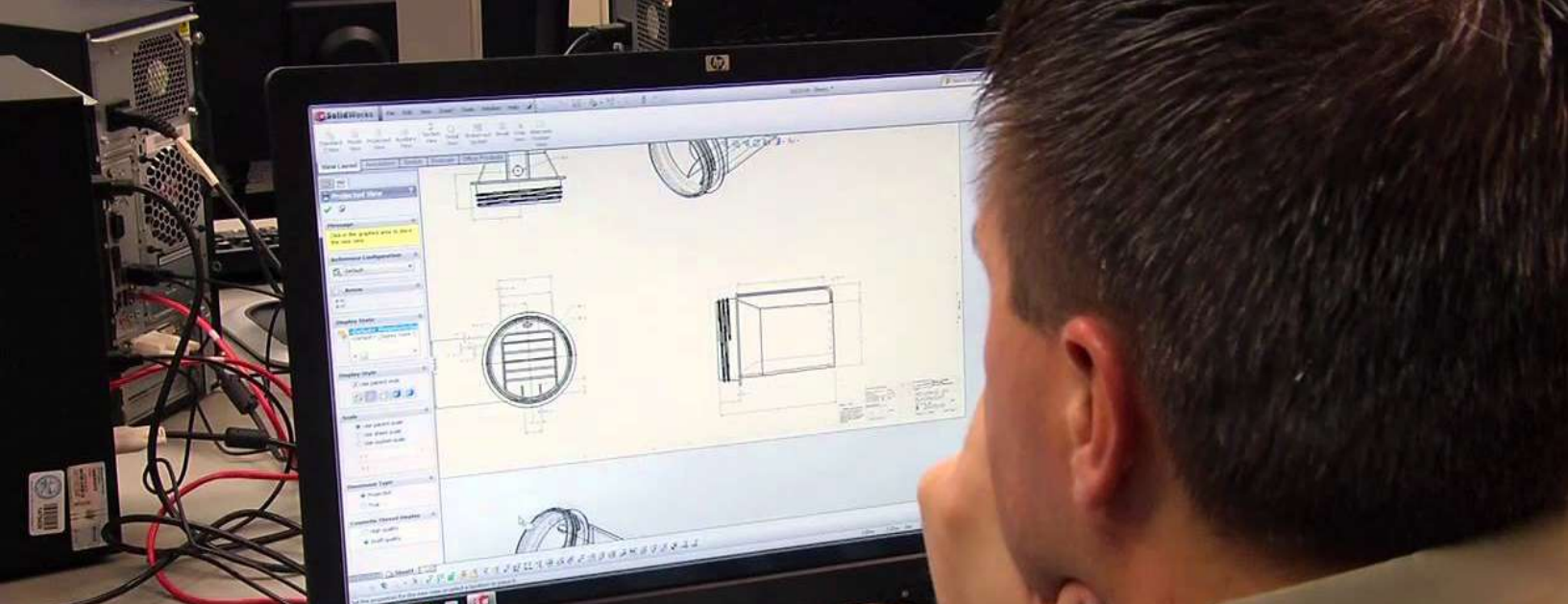


cad4ALL
Career & Design College

2019



**MULTI-DISCIPLINARY &
PIPING DRAUGHTING**



Multi-Disciplinary & Piping Draughting Qualification

CAD4ALL'S Multi-Disciplinary & Piping Draughting Qualification is the most popular qualification for matriculants interested in the industry of design and technical drawings. As the world moves forward into a globally competitive market, trends, designs and developments are changing daily.

Draughting, designers, manufacturers and shop fitters are now using AutoCAD, 4M CAD, 4M Idea Architecture, Revit and Inventor; making multi-skilled Computer Aided Drawing (CAD) experts highly in demand. This Qualification is designed to teach learners advanced CAD on the latest draughting software.

The qualification covers all the different disciplines of draughting such as mechanical, structural, piping, HVAC, civil and concrete draughting making the qualified student a highly sought after draughting expert globally.

Career advancement:

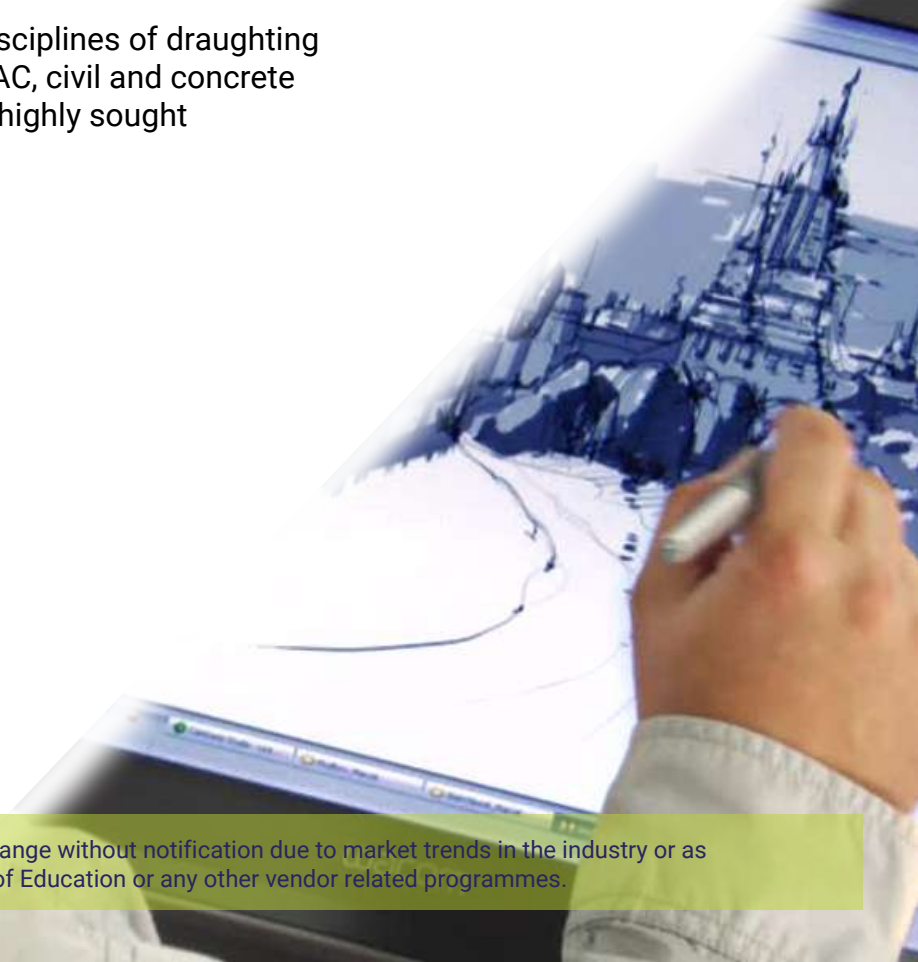
- Architectural Technology
- Construction Technology
- Project Management
- Interior Design
- CAD Designer

National Certificate

Duration: 2 years

Year 1 - CAD 1 & Year 2 - CAD 2

SAQA: 66071



International Certifications – Global Certified User

Autodesk AutoCAD 2D & 3D

Autodesk Inventor

4M CAD Certification

Autodesk Revit

Job Opportunities

Architecture, Building Design, Mining Engineering, Mechanical Engineering, Surveying, Planning, 3D Modelling, Property Surveying, Naval Architectural & Ship Building, Interior & Special Design, Landscaping, Automotive Engineering Design, Structural Detailing, Reinforce Concrete Detailing, Piping & Plant Design, Set Building, Construction, Civil Design, Instrumentation Design, 3D Printing, 3D Modelling, Engineering Design, HVAC Design, Furniture Design, Aeronautics & much more.

Entrance Requirements

- CAD 1 - CAD4ALL First Year Qualification (Architectural Draughting)

Subjects : Year 2 National Certificate

- Project Management Introduction
- **Draughting:** Structural Steel
- **Draughting:** Reinforced Structural Concrete
- **Draughting:** Piping
- **Draughting:** HVAC
- **Draughting:** Mechanical
- Inventor Essentials
- 3D Printing
- Introduction to Civil Draughting
- Entrepreneurship 101
- 2D CAD Advanced AutoCAD
- 3D CAD Advanced AutoCAD
- 2D, 3D Advanced 4M CAD
- 4M IDEA Advanced BIM
- 4M MEP Application Suite
- Advanced Revit Architecture

