Describe the learning environment.

The programme is delivered in comfortable training rooms with small number of participants in order to ensure that each has the benefit of the instructor's attention and experience.

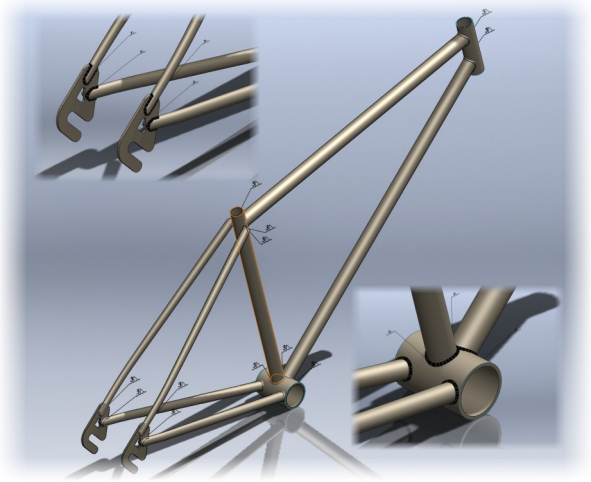
Each participant has a powerful CAD workstation with modern graphics capabilities and current, licensed software. Our learning package includes appropriate documentation, exercises and assignments so the participant can undertake essential practice outside the classroom.

What is the programme duration?

The programme is delivered over either two consecutive Fridays or two consecutive Saturdays, from 09:30 a.m. to 04:30 p.m.— time is allocated for both lunch and coffee breaks.

Outline the teaching methodology.

The participant will be guided through the creation of a series of graded weldments. Emphasis is placed not only on the correct use of various commands, but also on the most appropriate methods for weldment and drawing creation. The tutor's extensive experience is made available to the participants at all times throughout the programme.



What is the evaluation mechanism?

At the end of the programme the participant is invited to attempt a multiple choice test. The questions will be in the format of a request to model a part and / or assembly, including dimensioned drawings. The participant will then determine the values of certain characteristics of the model (mass, volume, distance between certain features, etc.) and select the most appropriate answer on the multiple choice paper. A mark of 70% is required to pass the test.

What is the certification?

Upon successful completion of the programme assignments, the participant is eligible for the award of 'Certificate of Attendance'. The candidate will also have completed a portfolio which may be used as a basis for further work.

What is the programme cost?

The programme is currently priced at €595, inclusive of instruction, programme materials, assignments and administration.

Where is the venue?

Programmes will be held at various location in Dublin and throughout the country depending on demand. If required, the programmes can be presented at the clients' premises.

How may I get further information?

Phone	086 357 5825
E-mail	educadprofessional@gmail.com
Web	www.educadprofessional.com

EduCAD Professional

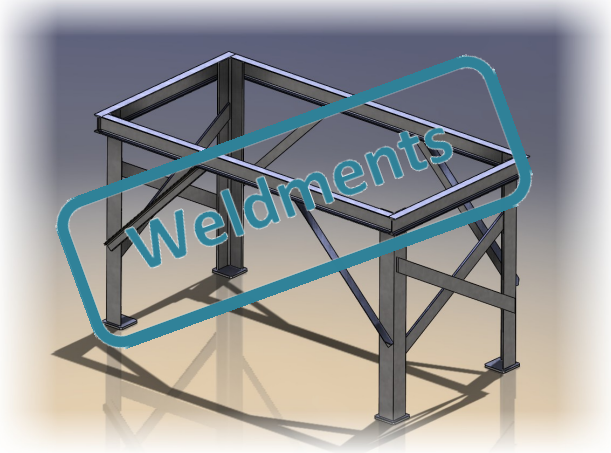
3D Parametric CAD Training

Solidworks

Weldments

www.educadprofessional.com
educadprofessional@gmail.com
086 357 5825

LET'S GO DESIGN | SolidWorks



We are pleased to introduce the following EduCAD Professional Programme:

Solidworks Weldments

This programme, taught by experienced Chartered Manufacturing Engineers and Certified Solidworks Professionals, uses the most recent versions of Solidworks CAD software to introduce Engineering Professionals to Solidworks Weldments

What is the Programme Aim?

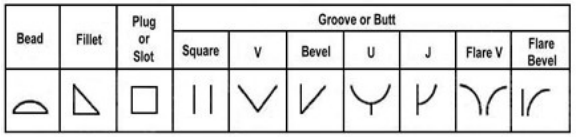
The aim of this programme is provide introductory training in Solidworks Weldments for those participants working or intending to work in the following industries:

Design — Engineering — Drafting
Consumer Product — Medical Device
Manufacturing — associated industries

3D parametric CAD skills are now essential for many professionals employed in design, engineering and drafting roles in industry. This programme introduces Solidworks Weldments and lays the foundations for these skills, facilitating both immediate professional practice and future learning.

What are the programme prerequisites?

Participants should have completed the EduCAD Professional Introductory Programme, or have equivalent Solidworks experience.

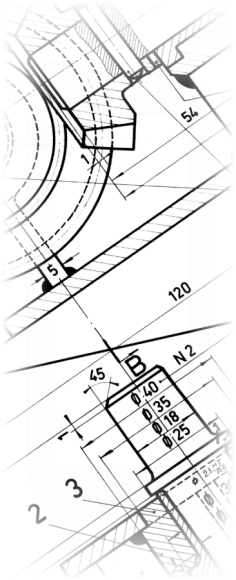


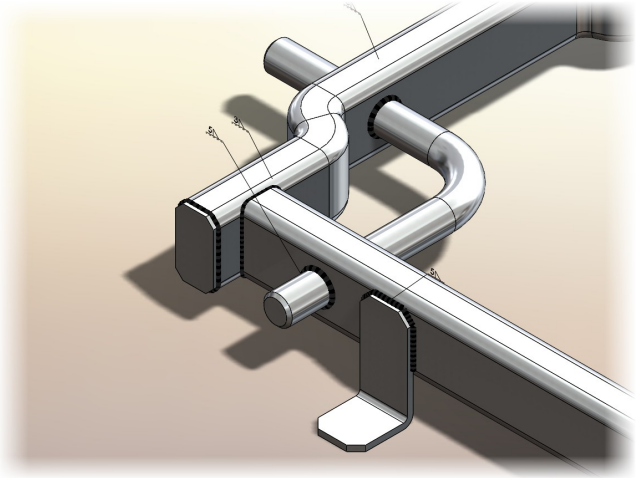
What are the Programme Learning Objectives?

There are three learning objectives as follows:

(1) Weldment Setup Methods

- Introduction to 3D Sketches
- Structural Profiles
- Library Sketches
- Sketch Conversion
- Projected Curves
- Library Paths
- Multibody Parts
- Construction Methods





(2) Creating the Weldment Framework

- Structural Members
- Structural Groups
- Profile Location
- Mirroring Profiles
- Profile Alignment
- Corner Treatment
- Weld Gap Settings
- Non Linear Structural Members
- Use of Lofts
- Sweeps
- Trimming Methods (Bodies / Faces)
- Extension Methods
- End Caps Including Thickness Ratios
- Gussets Including Profiles and Offsets

(3) Welding Operations

- Weld Bead Creation
- Weld Bead Settings
- Weld Path Creation and Modification
- Fillet Beads
- Fillet Bead Types
- Representation of Weldments on Drawings