

Dessin Industriel CAO-DAO

Summary of the contest:

Making detailed side drawings and parts for machine tools.

Running of the contest:

The contest consists of making drawings exercises using the provided CAD system.

The duration of the contest will be maximum 6 hours.

Assignments should be done following ISO standard.

Based on basics machine tools manufacturing knowledges, make a full production plan, be able to make the requested parts and start the printouts.

Give print-outs to the jury as well as the USB stick on which you will have stored your work.

Main skills required:

Be able to:

- ✓ Read and analyse a plan
- ✓ Represent and size the parts, materials or mechanical units
- ✓ Determine and calculate the functionals, physicals, dimensionals structurals or geometrical constraints of the each parts.

Rating criteria:

- ✓ Working attitude
- ✓ Visual quality of the work
- ✓ Dimensioning, tolerance and product surface
- ✓ Drawing: Projection method, different views