

SCHOOL FOR ENGINEERING

AUTOCAD INVENTOR 3D

This is an introductory course into the use of 3-D Inventor for Mechanical Engineers.

Is this the right course for me?

AutoCAD Inventor is used in the Mechanical Engineering field and is used for 3D component drawing & assembly and for simulation in the design stages before manufacture.

What will I need to join the course?

A good knowledge of engineering drawing within the mechanical or built environment fields as well as a good back ground in Windows XP & the use of file management.

What will I be doing?

Weeks 1 to 3

The use of solid 3-D modelling with Inventor 3-D software, for drawing mechanical component parts in Solid 3-D with the ability to dimension for Orthographic presentation in First or Third angle.

Weeks 4 and 5

Produce assembly drawings which can be animated for motion and create exploded views with ballooned parts lists.

How long will the course last and what patterns of attendance are available?

Each session is one evening per week for 5 weeks at 2 hours per session - total 10 hours.

Session times: 7.00 – 9.00 pm

How will my progress on the course be assessed?

The course is a 'hands on' course where learning is achieved by a series of structured lessons with the main emphasis on practical exercises.

What will I achieve?

You will acquire skills in the use of AutoCAD Inventor and the testing of assembly drawings with the simulation of motion of the component parts.

You will receive a Lowestoft College Certificate of attendance for the AutoCAD Inventor course.

What will it cost?

Tuition fees to be advised

What should I do now?

Ring the Client Co-ordinator Debby Jopson on 01502 525040.

It is the policy of this College that all people are entitled to equality of opportunity in education and training.

All programmes run subject to satisfactory enrolment.

This information is issued without prejudice to the right of the College to make such modifications to the matters dealt with as the College considers necessary without prior notice.