

Free CAD/CAM tuition for Secondary Schools

Staffordshire
UNIVERSITY



JCB SCHOOLS DESIGN AND TECHNOLOGY CENTRE



The JCB Schools Design & Technology Centre based at Staffordshire University provides excellent facilities and expert tuition using *Pro/DESKTOP* 3D modelling software. The facility can accommodate pupils on 20 workstations.

Courses taught at the JCB Schools Design and Technology Centre can be tailored to specific requirements. Full support is given by the tutor with the aid of a technician to ensure that any difficulties or mistakes are quickly rectified.

Pro/Desktop is taught to three levels, beginners, intermediate and advanced. Students work on each level for a maximum of three half day sessions.

Generally, beginners will, after a short presentation about the use of CAD/CAM follow step-by-step instructions displayed using the interactive whiteboard. A simple 3D model of a mobile phone allows students to use the basic features of Pro/Desktop.



We offer a beginners course for Systems and Control using a suite of Economatics "Smart" boxes in conjunction with LOGICATOR software.

The CNC laser cutter allows us to demonstrate modern manufacturing methods.



The CNC router is demonstrated to allow students to see how their design can be manufactured. If time allows, student's own designs are manufactured.

We also have access to other CNC equipment including an FDM rapid prototyping machine which may be used for specific projects.

JCB Schools Design and Technology Centre,
Staffordshire University,
PO Box 333, Beaconside,
Stafford. ST18 0DF

**Bookings can be made directly
by calling Chris Wayman:
01785 353830**



The Centre receives
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ANOTHER INITIATIVE ASSISTED BY



AND THE GOVERNMENT'S SINGLE REGENERATION BUDGET

The JCB Schools Technology
Centre-working closely with

SETPOINT
Staffordshire

