



11th September 2009

Dear Teacher,

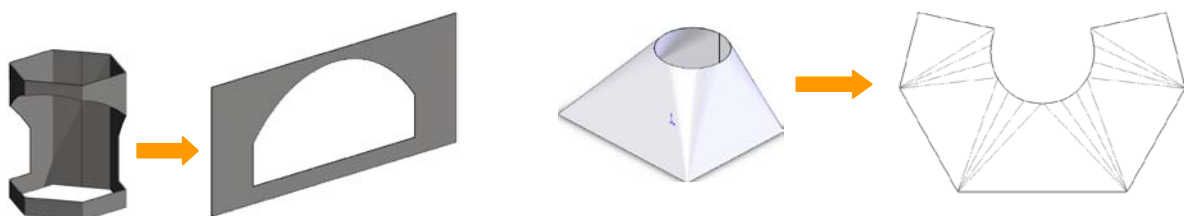
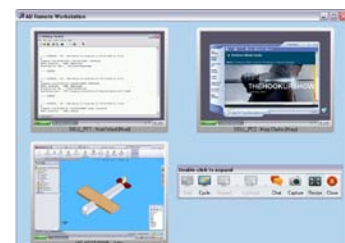
An NCTE Course in association with T4 for 'Advanced CAD Modelling Course - SolidWorks 2009' is being offered by Limerick Education Centre at the venue and dates shown below.

Venue	Course Dates 2009
Limerick Education Centre Park House Parkway Shopping Centre Dublin Road Limerick	Mon 28 th September Mon 5 th October Mon 12 th Oct Mon 19 th Oct Mon 2 nd November Mon 9 th November

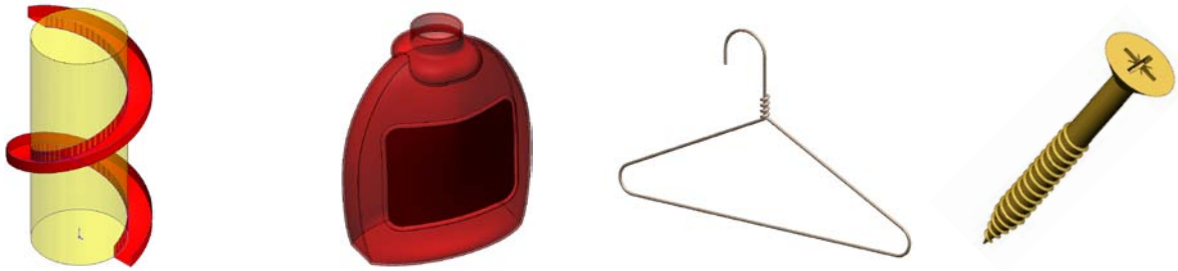
The course will also explore the use of network management software (AB Tutor) to aid teaching and learning in the technology subjects. The aim of the course is to build on the CAD skills developed in the previous modules and to further explore CAD features such as Sheet Metal features, Curved features, Surfaces, and their application across all the technology subjects, both at senior and junior cycle.

Outline of course topics:

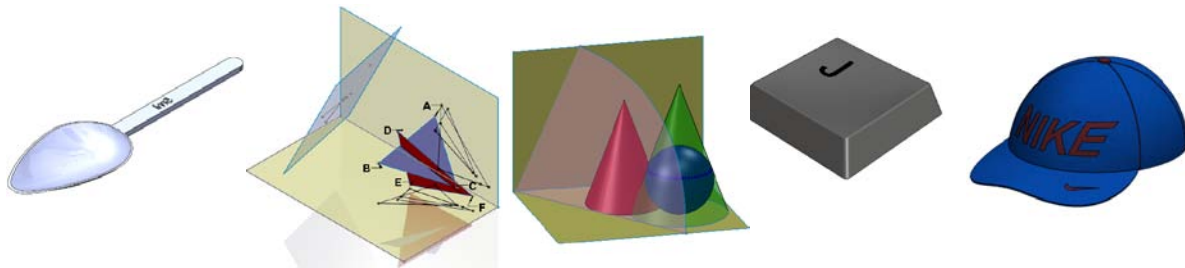
- Participants will explore the installation, basic functions and customising of the network management software to meet the needs of the technology subjects (AB Tutor will be used for the delivery of this course)
- The Sheet Metal feature within SolidWorks enables the user to build a sheet metal type model and to create a development of the model by flattening the model. These features will be explored by modelling everyday items. The application of this feature in enhancing the teaching of geometry will also be explored.



- Creating 'Curved Features' explores the uses of splines, helices, and composite curves to model everyday items and geometric problems



- Working with 'Surfaces' – Surface modelling is used to create faces and features which may not be conveniently produced using solid modelling techniques. Surface tools are employed in situations where they make it easier, more efficient or even possible to complete the task at hand. Surface modelling has many applications, including the modelling of geometrical problems relating to planes, lamina and structural forms



- Creation of photorealistic images using PhotoWorks and PhotoView 360 will be investigated in SolidWorks 2009. The ability to create high quality images is an important and powerful aspect of the CAD software



If you are interested in attending the course please complete the attached application form and return to the ICT Administrator at your earliest convenience.

Yours sincerely,

Limerick Education Centre



COURSE APPLICATION FORM

Limerick Education Centre

***Advanced CAD Course
SolidWorks 2009***

Name of Teacher: _____

Teacher's Phone No. _____

Teacher's Email _____

School Name: _____

School Roll Number: _____

***PLEASE FAX BACK THIS APPLICATION FORM AS SOON AS
POSSIBLE TO***

(061) 313174

Alternatively post the application form to:
Noreen Kelly,
ICT Administrator,
Limerick Education Centre,
Parkway Shopping Centre,
Dublin Road,
Limerick.