

DCG (DESIGN COMMUNICATION GRAPHICS)

This subject develops the ability to comprehend and problem solving and creative thinking skills are developed through the analysis and solution of both 2- and 3-dimensional graphics. Graphics and design are communicated using freehand sketching skills, traditional draughting equipment and CAD.

WHY STUDY DESIGN AND COMMUNICATIONS GRAPHICS?

Design and communications helps to further students' cognitive and practical skills with modules like graphic communication, problem solving, spatial visualisation, design capabilities, computer graphics and much more.

WHAT KIND OF STUDENT WOULD DCG SUIT?

Students who have taken Tech Graphics to Junior cert level Students you have a keen interest in further studies in practical areas of engineering and construction or apprenticeships which include the study of technical drawings.

RECOMMENDATIONS/TIPS

It is an advantage to have studied Technical Graphics at Junior cert. level. Free-hand sketching is a main component of the core therefore Junior cert art, materials technology, wood and/or technology would serve as an advantage in this area. A basic knowledge of ICT skills is also beneficial.

Students must also appreciate that work completed must conform to a high standard of neatness and draftsmanship. Design and Communication Graphics (DCG) is the revised course that was formally known as Technical Drawing (TD). The Design and Communication Graphics course makes a unique contribution to the student's cognitive and practical skills development. These skills include graphic communication, creative problem solving, spatial abilities/visualisation, design capabilities, computer graphics and CAD modeling.

The current assessment for DCG is made up of two parts :

- Project (40%) – Solidworks , 3D CAD modelling
- Drawing exam (60%)