

Design & Communication Graphics (DCG)

The Design and Communication Graphics course makes a unique contribution to the student's cognitive

and practical skills development. These skills include;

- graphicacy/graphic communication,
- creative problem solving,
- spatial abilities/visualisation,
- design capabilities,
- computer graphics and CAD modelling.

The creative and decision-making capabilities of students in the activities associated with design are developed

through three principal areas of study:

- design and communication graphics
- plane and descriptive geometries,
- applied graphics

It is intended to develop the creative thinking and problem solving abilities of students.

Assessment

There are two assessment components:

1. A student assignment (40% of the examination marks, of which CAD will form a significant and compulsory component)
2. A terminal examination paper (60% of the examination marks)

Student assignment

- The assignment will relate to a theme identified by the examining authority.
- A different theme will apply at Higher and Ordinary levels.
- Students must then proceed to develop a design or project brief in accordance with specified parameters.

Terminal exam

- The terminal exam follows the same pattern as the Junior Certificate with one section on short questions and another on long questions.
- Some topics will be a continuation of topics studied in the Junior Cert such as orthographic projection while others will be completely new.
- Any person thinking of taking this subject will have to;
 - Be self motivated to do well
 - Be willing and capable of working hard on their own
 - Have a love for the subject
 - Have an interest in problem solving (Maths etc.)
 - Have an interest in digital media i.e. SolidWorks, CAD etc.