

Engineering



Syllabus

Topics covered are:

- Health and Safety
- Classification and Origin of Metals
- Structure of Metals and Plastics
- Material Testing
- Joining
- Machining
- Measurement
- Manufacturing
- Processes
- New Technologies
- Special Study Topic



Recommendations

- Practical skills and accuracy take a long time to develop and account for at least 50% of the total marks at Leaving Certificate.
- Not having a background in metalwork is a serious disadvantage, which can be alleviated to some degree by having studied other practical subjects, especially woodwork.
- A background in practical subjects or a willingness to work very hard is important.
- Realising that practical subjects are not an easy option.

Examination



- Project November-March
25% HL and 30% OL
- Practical - May
25% HL and 30% OL
- Written Paper - June
30% HL or 40% OL



Requirements

- Beneficial for many Engineering and Technology based courses.

Possible Career Options

- ★ General operative in factory
- ★ Mechanic
- ★ Welder

- ★ Plumber
- ★ Electrician
- ★ Technician/Engineer - mechanical, production, electronic, electrical, material

