

Engineering



Web link

OCR Cambridge Technical Extended Certificate in Engineering : <http://www.ocr.org.uk/qualifications/vocational-education-and-skills/cambridge-technical-engineering-level-3-certificate-extended-certificate-foundation-diploma-diploma-05822-05825/>

Learning Resources

Google Classroom: Class code yvfhyg

Learning Strategies

For the externally examined units, use of past specimen papers will be essential. Your teachers will also use past A-level papers from Maths, Product Design and Physics to support this.

Use of revision questions on Google Classroom/Quizlet and short tests in lessons.

Flash cards will be helpful to prepare for external assessment. Maintain a glossary of key terms as the course progresses.

Writing Long Answer Questions

The key here is combining a thorough understanding with a logical approach. Practice summarising key concepts/ideas in bullet point form. Summarise experiment/practical techniques in 5 bullet points. Use of past paper questions to ensure that correct level of detail is included.

Independent study

Take part in as many Science/DT/Maths/Engineering enrichment activities as you can (e.g. the Greenpower car, Robotics etc)

Attend lectures/events at universities and keep up to date with news posted on the IET website (<http://www.theiet.org/>) and the IOP website (<http://www.iop.org/>).

Read as many engineering/science news stories as possible on websites such as Wired (www.wired.co.uk)

Use the Reading list provided at the start of the year.

Stay organised and on top of deadlines for the internally assessed (coursework) units – record deadlines in diary and somewhere noticeable at home. Don't let yourself get behind with coursework and fall into the unpleasant situation of trying to make up lost ground.