

Engineering - Revision Information

Full Course Name: WJEC Level 1/2 Vocational Award in Engineering (Technical award)

Full Course Code: 5799QA

Type of Qualification: Level 2

Examination Structure (Full Course):

Unit Name	Coursework / Controlled Assessment / Examination	Date range / Deadline(s) (Subject to change)	Content in this unit	Percentage of course	Useful links
Unit 1	Coursework	Commence in Sept	1.1 Understanding engineering drawings 1.2 Planning operations 1.3 Using engineering tools and equipment 1.4 Implementing engineering processes	40%	Resource (eduqas.co.uk)
Unit 2	Coursework	Commence in Jan	2.1 Understanding function and meeting requirements 2.2 Proposing design solutions 2.3 Communicating an engineered design solution 2.4 Solving applied engineering problems	20%	Resource (eduqas.co.uk)
Unit 3	Exam	Summer 24'	3.1 Understanding the effects of engineering achievements 3.2 Understanding properties of engineering materials 3.3 Understanding methods of preparation, forming, joining and finishing of engineering materials 3.4 Solving engineering problems	40%	Resource (eduqas.co.uk)

If you are going to purchase a revision guide, this is what we suggest:

https://www.wjec.co.uk/qualifications/level-1-2-vocational-award-in-engineering/?sub_nav_level=books#tab_resources

Past Papers (including mark schemes): Only one exists because it's a new course and paper will be used for Mock 2, so students will unfortunately not have access in advance. This paper should be used carefully for revision after it is released.

Year 11 Mock 1 Information (Subject to Change):

1. Structural design, focusing on the development of bicycles
2. Mechanical design, focusing on the development of theme park Rides

3. Electronic design, focusing on the development of mobile Phone/smart technology.
4. Volume of 3d shapes
5. Tool names
6. Manufacturing processes – material removal, shaping and manipulation, joining and assembly and heat and chemical treatment.
7. Product analysis
8. Material properties

Year 11 Mock 2 Information (Subject to Change):

1. Structural design, focusing on the development of bicycles
2. Mechanical design, focusing on the development of theme park Rides
3. Electronic design, focusing on the development of mobile Phone/smart technology.
4. Volume of 3d shapes
5. Tool names
6. Manufacturing processes – material removal, shaping and manipulation, joining and assembly and heat and chemical treatment.
7. Product analysis
8. Material properties

Link to Specification: https://www.wjec.co.uk/media/xb3fam5o/wjec_11-2-vocaward-ta_engineering_spec-e_11-09-23-1.pdf

Other useful links: [Resource \(eduqas.co.uk\)](https://www.eduqas.co.uk)