

KS4 ATTAINMENT BAND EXPECTATIONS

Year 10 *Engineering BTEC Tech Award*

	RED ATTAINMENT BAND (30%) L1 – Pass / <erit	AMBER ATTAINMENT BAND (20%) (L1 Distinction) / L2 Pass	GREEN ATTAINMENT BAND (30%) L2 Merit	PURPLE ATTAINMENT BAND (20%) L2 Distinction / (Distinction*)
--	---	--	--	--

Year 10 - Engineering _ Component 1

Level 1 Pass	Level 1 Merit	Level 2 Pass	Level 2 Merit	Level 2 Distinction
Learning aim A: Understand engineering sectors, products and organisations, and how they interrelate				
A.1P1 Identify an engineering sector linked to a given engineered product.	A.1M1 Outline an engineering sector and an engineered product it produces.	A.2P1 Describe engineering sectors and an engineered product they produce.	A.2M1 Explain how engineers from different sectors generate an engineered product, with reference to sizes of organisations and the job roles involved.	A.2D1 Evaluate how engineers from different sectors cooperate to generate an engineered product, with reference to sizes of organisations and the job roles involved.
A.1P2 Identify an engineering organisation and a typical job role in it.	A.1M2 Outline an engineering organisation and a typical job role in it.	A.2P2 Describe different sized engineering organisations and typical job roles.		

Level 1 Pass	Level 1 Merit	Level 2 Pass	Level 2 Merit	Level 2 Distinction
Learning aim B: Explore engineering skills through the design process				
B.1P3 Use CAD to prepare a final design solution, with limited reference to the engineering brief.	B.1M3 Use CAD to communicate a final design solution, with some reference to the engineering brief.	B.2P3 Produce design proposals, compare in relation to the engineering brief and use CAD to produce a final solution.	B.2M2 Produce design proposals, compare in relation to the engineering brief and develop an improved final solution using CAD and modelling.	B.2D2 Justify the development of an improved final solution and evaluate use of the design process, with reference to the engineering brief and peer review.
B.1P4 Identify some successful features of the design process, with limited reference to the engineering brief.	B.1M4 Outline successful features of the design process, with some reference to the engineering brief.	B.2P4 Describe successful features of the design process, with reference to the engineering brief and some reference to peer review.	B.2M3 Explain successful features of the design process, with reference to the engineering brief and peer review.	
Overall component grade				
Learner evidence satisfies all Level 1 Pass criteria.	Learner evidence satisfies either: all Level 1 Merit criteria or All Level 1 Pass criteria and B.2P3, B.2P4.	Learner evidence satisfies all Level 2 Pass criteria.	Learner evidence satisfies either: all Level 2 Merit criteria or All Level 2 Pass criteria and B.2D2.	Learner evidence satisfies all Level 2 Distinction criteria.

Year 10 *Engineering* – Long Term Plan 2018-19

	Week 1 3 Sept.	Week 2 10 Sept.	Week 3 17 Sept.	Week 4 24 Sept.	Week 5 1 Oct.	Week 6 8 Oct.	Week 7 15 Oct.	Week 8 22 Oct.
Term 1	Unit 1 Project	Unit 1 Project	Unit 1 Project	Unit 1 Project	Unit 1 Project	Unit 1 Project	Unit 1 Project	Unit 1 Project
	Week 9 5 Nov.	Week 2 12 Nov.	Week 3 19 Nov.	Week 4 26 Nov.	Week 5 3 Dec.	Week 6 10 Dec.	Week 7 17 Dec.	
Term 2	Unit 1 Project	Unit 1 Project	Unit 1 Project	Unit 1 Project	Unit 1 Project	<i>PRAG Progress week</i>	Unit 1 Project	
	Week 1 7 Jan.	Week 2 14 Jan.	Week 3 21 Jan.	Week 4 28 Jan.	Week 5 4 Feb.	Week 6 11 Feb.		
Term 3	Unit 1 Project	Unit 1 Project	Unit 1 Project	Unit 1 Project	Unit 1 Project	Unit 1 Project		
	Week 1 25 Feb.	Week 2 4 Mar.	Week 3 11 Mar.	Week 4 18 Mar.	Week 5 25 Mar.	Week 6 1 April		
Term 4	Unit 1 Project	Unit 1 Project	Unit 1 Project	Unit 1 Project	<i>PRAG Progress week</i> Unit 1 Project	Complete for Standards Verification		
	Week 1 22 April	Week 2 29 April	Week 3 6 May	Week 4 13 May	Week 5 20 May			
Term 5	Unit 2 Project	Unit 2 Project	Unit 2 Project	Unit 2 Project	Unit 2 Project			
	Week 1 3 June	Week 2 10 June	Week 3 17 June	Week 4 24 June	Week 5 1 July	Week 6 8 July	Week 7 15 July	

