

Name of course	BTEC Level 1/2 Tech Award in Engineering
Examination Board	Pearson
<p>What is BTEC Level 1/ 2 Tech award Engineering? The Pearson BTEC Level 1/Level 2 Engineering has been designed to provide an engaging and stimulating introduction to the world of Engineering. The qualification builds on learning from Key Stage 3 DT for those who may wish to explore a vocational route throughout Key Stage 4. It also provides a good introduction to Engineering for learners in post-16 education, and brings together learning at levels 1 and 2 to ensure that every learner taking the qualification completes it with a level of understanding and skill on which to build at a later date.</p>	
<p>What skills will I learn?</p> <ul style="list-style-type: none"> ● Development of key engineering practical and technical skills, such as research, observation, measurement, making, using computer-aided design (CAD) and disassembly. ● Knowledge of key engineering sectors (mechanical, electrical/electronic and engineering design) and the interrelation of each in industry. ● Knowledge of the stages involved in planning and implementing an engineering project. ● Knowledge and skills involved in the investigation of solutions to engineering problems in response to a given brief. 	
<p>Content of the course Learners are required to complete and achieve all three components in the qualification.</p> <ol style="list-style-type: none"> 1. Exploring Engineering Sectors and Design Application. 2. Investigating an Engineering Project. 3. Responding to an Engineering Brief. 	
<p>How will I be assessed? Components 1 and 2 of the course will be internally assessed. Component 3 will be externally assessed.</p>	
<p>Things to consider: This course is a combination of practical and theoretical work. You will be expected to participate fully in all practical lessons and apply yourself to all coursework assignments that you are given.</p> <p>You must be organised and committed to meet all deadlines set. You do not need to be the best Engineer but you do need to have a keen interest in How things work and how they are put together. You need to be willing to investigate independently solutions to problems you are presented with.</p>	
<p>Useful websites, etc. Specification</p>	

<https://qualifications.pearson.com/content/dam/pdf/btec-tec-awards/engineering/2017/Specification-and-sample-assessments/Pearson-BTEC-L12-Tech-Award-in-Engineering-Spec.pdf>

Resources

For further information, please contact Mr P Robinson, Head of Faculty Art Design and Technology