



Westbury Academy Key Stage 4 Curriculum



IMIAl Level1/2 Award Service and Maintenance Engineering

	AUTUMN A	AUTUMN B
YEAR 10	HEALTH AND SAFETY PRACTICES IN AN ENGINEERING ENVIRONMENT	INTRODUCTION TO ENGINEERING TOOLS, EQUIPMENT AND MATERIALS
YEAR 11	Preparing for Work	INTRODUCTION TO INTERNAL COMBUSTION ENGINE SYSTEMS, COMPONENTS AND OPERATION
	SPRING A	SPRING B
YEAR 10	Basic Mathematics and Science for Engineering Technicians	Introduction To Working With Customers And Colleagues In The Engineering Environment
YEAR 11	ROUTINE VEHICLE MAINTENANCE PROCESSES AND PROCEDURES ON VEHICLES (4 WHEELS OR MORE)	ON-LINE ASSESSMENTS



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IMIAL Level1/2 Award

	SUMMER A	SUMMER B
YEAR 10	INTRODUCTION TO PROJECTS IN AN ENGINEERING ENVIRONMENT	Introduction to Working in the Engineering Industry
YEAR 11	PRE INVIGILATION FOLDER CHECKS	STUDY LEAVE

ADDITIONAL COURSE INFORMATION

The IMI was set up in 1920 to serve the developing motor industry. The IMI is now the only organisation representing individuals of all vocations and status within the industry, and plays the leading role in advancing the quality and integrity of the profession. The IMI has been committed to vocational qualifications since 1985.

This qualification is primarily developed for schools and colleges to deliver to learners aged in the 14-16 age group with an interest in the service and maintenance engineering industry, but without a clear idea of the job role they wish to undertake in the future. It is therefore designed to provide learners with the opportunity to experience an introduction to a wide range of disciplines associated with the service and maintenance engineering sector including:

- mechanical engineering
 - electrical engineering
 - automotive engineering
 - vehicle maintenance and repair
 - design and manufacturing
 - fabrication and welding
- vehicle paint spraying

This Certificate size qualification will allow learners to gain a broad knowledge of this industry sector whilst also allowing them to study an increased GCSE commitment or other vocational qualifications.