

Candidate Module Choices

Module Choices – Standard Award in Engine Build

Module Number	Module Name
	Mandatory Modules
Group M	
SL/01	Customer Requirements
SL/05	Risk Assessment
SL/11	Quality Assurance Systems
SL/12	Engine Build Operation
SL/13	Engine Build Requirements and Specifications
	Optional Modules
Group A	
SL/03	Engine Installation
SL/07	Developing Engineering Skills
SL/08	Engine Build / Test Resources
SL/09	Engine Related Problems
SL/14	Measurement and Inspection Techniques
SL/15	Engine Disassembly and Examination

The Candidate must complete all the Mandatory Modules as well as four Optional Modules from Group A.

Module Choices – Standard Award in Engine Test

Module Number	Module Name
Mandatory Modules	
Group M	
SL/01	Customer Requirements
SL/02	Engine Test Specifications
SL/04	Engine Test Operation and Procedure
SL/05	Risk Assessment
SL/11	Quality Assurance Systems
Optional Modules	
Group A	
SL/03	Engine Installation
SL06	Evaluation of Test Data and Results
SL/07	Developing Engineering Skills
SL/08	Engine Build / Test Resources
SL/09	Engine Related Problems
SL/10	Installation and Facility Related Problems

The Candidate must complete all the Mandatory Modules as well as four Optional Modules from Group A.

Module Choices – **Standard Award in Chassis Dynamometer Vehicle Test**

Module Number	Module Name
	Mandatory Modules
Group M	
SL/01	Customer Requirements
SL/02	Engine Test Specifications
SL/04	Engine Test Operation and Procedure
SL/05	Risk Assessment
SL/11	Quality Assurance Systems
SL/16	Vehicle Installation
	Optional Modules
Group A	
SL/06	Evaluation of Test Data and Results
SL/07	Developing Engineering Skills
SL/10	Installation and Facility Related Problems
SL/17	Vehicle Test Resources
SL/18	Vehicle Related Problems
SL/19	Vehicle Emissions Legislation
SL/20	Vehicle Emissions Measurement

The Candidate must complete all the Mandatory Modules as well as three Optional Modules from Group A.

Module Choices – Standard Award in Non-Fired Testing

Module Number	Module Name
Mandatory Modules	
Group M	
SL/01	Customer Requirements
SL/05	Risk Assessment
SL/21	Test Procedure Evaluation
SL/11	Quality Assurance Systems
SL/13	Test Unit Build Requirements and Specifications
Optional Modules	
Group A	
SL/06	Evaluation of Test Data and Results
SL/07	Developing Engineering Skills
SL/10	Installation and Facility Related Problems
SL/14	Measurement and Inspection Techniques
SL/22	Test Equipment Maintenance
SL/23	Commissioning

The Candidate must complete all the Mandatory Modules as well as four Optional Modules from Group A.

Module Choices – Higher Award in Engine Test

Module Number	Module Name
Mandatory Modules	
Group M	
HL/01	Customer Requirements
HL/02	Test Specifications
HL/03	Test Programme Monitoring
HL/04	Test Procedure Evaluation
HL/05	Installation
HL/06	Engine Test Operation
HL/07	Test Equipment Maintenance
HL/08	Risk Management
HL/09	Project Management
Optional Modules	
Group A	
HL/10	Research Testing
HL/11	Evaluation of Results
HL/12	Developing Engineering Skills
Group B	
HL/13	Engine Test Commissioning
HL/14	Engine Test Resources
HL/15	Engine Related Problems
HL/16	Installation Related Problems
HL/17	Facility Related Problems
HL/18	Quality Assurance

The Candidate must complete all the Mandatory Modules, as well as four Optional Modules. There must be at least one Module from each of Groups A and B.

Module Choices – Higher Award in Emissions

Module Number	Module Name
Mandatory Modules	
Group M	
HL/01	Customer Requirements
HL/02	Test Specifications
HL/03	Test Programme Monitoring
HL/04	Test Procedure Evaluation
HL/26	Installation & Facility Related Problems
HL/28	Fundamentals of Emissions Formation
HL/07	Test Equipment Maintenance
HL/08	Risk Management
HL/09	Project Management
Optional Modules	
Group A	
HL/10	Research Testing
HL/11	Evaluation of Results
HL/27	Emissions Legislation
Group B	
HL/19	Emissions Analysis Fundamentals
HL/20	Emissions Analyser Calibrations
HL/21	Emissions Sampling Systems
HL/22	Fundamentals of Vehicle and/or Engine Emissions Test Set Up
HL/23	Particulate Measurement
HL/24	Fundamentals of Emissions System Design and Operation

The Candidate must complete ALL Mandatory Modules, as well as 4 Optional Modules. There must be at least 1 module from each of Groups A and B.