

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 – 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.