

Sir Simon Milton Westminster UTC: Scheme of Learning

Summary Details



Course

Course Title/Level	Level 3 Technical Level in Engineering: Mechatronic Engineering
Awarding Board	AQA
Specification Code	TVQ01016
Qualification Accreditation Number/ Discount Code	60170803 and 601/7080/3 Discount Code: XA1.
Length of Course	2 years
Guided Learning Hours	720 GLH/ 760 TQT (Total Qualification Time)
Units	8 units each of 12.5% weight. 4 mandatory units (1,2 4, 5 from Engineering qv) plus Unit 3; Mathematics for Engineers, Unit 6: Mechatronics Project Management, Unit 7: Mechatronic Control Systems, Unit 8: Programming for Engineers

Assessment

Outcome Grades	P, M, D or D*
Entry Requirements	UTC Requirement: Completion of Foundation Engineering
External Examination	In addition to the Unit 1: Materials Technology and Science exam from Engineering there is just one external examination, for Unit 3: Mathematics for Engineers. It is 1 hour and 45 minutes long. Marks: 80, % 25%
Examination Times	Twice a year in January and June.
Coursework	3 units specific to Mechatronics, Unit 6, 7, and 8 are all internally centre assessed
Coursework Deadlines	2 dates for submission of work. To be set, expected to be 10 January and 15 May
Work Experience Timings	Work with Business Alliance Partners on some of projects
Assessments	Initial, 3 Teacher set KAT (Key Assessments Tasks) per Term, Yr 12 Mocks (May), Yr 13 Mock (Jan), Y13 (End of course)