

SEMTA PROGRESSION MAP FOR ENGINEERING

The numbers in the boxes correspond with the relevant fact sheet

Entry Qualifications		Work-Based Learning Programme	Short Course Provision	National Vocational Qualification	Key Skills	Academic Qualification	Professional Institution Registration	Career Structure					
Appropriate A Levels, Applied A Levels or A/S Levels or Mature Learners with Required Experience		1 - Graduate Apprenticeship	6 - See availability of short course provision by contacting local or regional Universities, Further Education Colleges and Private Training Providers. Also see Learn Direct	7 - Units of N/SVQ	8 - N/SVQ Level 5	12 - Key Skills Level 4 & 5	16 - NQF Level 7 & 8 D - Doctorate M – Masters degree, post grad cert & diploma	21 - UK – Spec Chartered Engineer	24 Engineering Director	25 Chief Engineer	26 Programme Director		
									27 Technical Manger	28 Principal Engineer	29 Programme Manager		
		9 - N/SVQ Level 4			13 - Key Skills Level 3	17 - NQF Level 6 H – Honours, bachelor's degree, graduate cert & diploma	22 - UK-Spec Incorporated Engineer	30 Manager	31 Senior Engineer	33 Project Manager			
1 – A Level in Maths, Science or Technology or mature learners with required experience	Engineering Diploma Level 3 + Additional Maths	2- Higher Apprenticeship						18 - NQF Level 5 I – Intermediate, Foundation degree, Higher National Diploma	34 Senior Team Leader		35 Incorporated Engineer	36 Senior Project Leader	
4 – GCSEs or Equivalent. Grades A to C and Engineering Diploma Level 2 or mature learners with required experience		3 - Advanced Apprenticeship					10 - N/SVQ Level 3	14 - Key Skills or Functional Skills at Level 2	19 - NQF Level 3 & 4 C- Certificate, HNC, BTEC Nationals, Technical Certificate.	23 - UK-Sec Engineering Technician	37 Team Leader	38 Engineering Technician	39 Project Leader
									Engineering Craftspersons	40 Craftsperson			
3 to 5 - GCSEs Grades D to G and Engineering Diploma Level 1		4 - Apprenticeship					11 - N/SVQ Level 2	15 - Key Skills or Fuctional Skills Level 1 & 2	20 - NQF Level 2 Optional Technical Certificate e.g. BTEC 1 st , C&G or EAL Cert		41 Senior Operator		
Working toward GCSEs including Engineering, Manufacturing or Science		5 - Young Apprenticeship			N/SVQ Level 1	Key Skills or Fuctional Skills Level 1	NQF Level 1 & 2 GCSE Grades A to G		42 Operator				
		43 - National Occupational Standards											

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