

## Progression Routes

ENGINEERING					
Apprenticeship	Vocational	Academic	Level	Job Role	Experience (indicative)
Post Graduate Engineer		Master's Degree	7	Senior Engineer	10+ years
Manufacturing Engineer		Degree Top Up Degree	6	Engineer	6+ years
Manufacturing Leadership	Higher National Certificate & Diploma Foundation Degree		4-5	Advanced Technician	5-6 years
Engineering Technician	BTEC National (2016) BTEC National (QCF)	BTEC National (2016) BTEC National (QCF)	3	Technician	3-4 years
Engineering Operative	Level 1/2 Level 2 Technical	Level 1/2 Level 1/2 Tech Award	2	Operative	1-2 years
N/A or Traineeship	Level 1 Introductory		1	Introductory Role	Entry

## Career Options

				ENGINEERING JOB ROLES			
Apprenticeship	Vocational	Academic Qualifications	Level	Aerospace & Aviation	Rail Engineering	General Engineering	Manufacturing
Post Graduate Engineer		Master's Degree	7	Post Graduate Engineer	Rail and Rail Systems Principal Engineer	Systems Engineer	Post Graduate Engineer
Manufacturing Engineer		Degree Top Up Degree	6	Aerospace Engineer	Rail and Rail Systems Senior Engineer	Graduate Engineer	Manufacturing Engineer
Manufacturing Leadership	Foundation Degree Higher National Cert/ Diploma		4-5	Certifying Engineer	Rail Engineering Advanced Technician	Advanced Technician	Manufacturing Leadership
Engineering Technician	BTEC National	A Level	3	Aerospace Fitter	Rail Engineering Technician	Mechatronics Maintenance Technician	Advanced Manufacturing Fitter
Engineering Operative	BTEC Tech Award BTEC Technical BTEC First	GCSE Level	2	Military Mechanic	Rail Engineering Operative	Engineering Operative	Lean Manufacturing Operative
N/A or Traineeship	BTEC Level 1 Introductory		1	N/A	N/A	N/A	N/A