

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 |