

L3 Diploma in Advanced Manufacturing Engineering (Development Knowledge)

SIGTA Course Offer

Qualification Specification

This qualification provides learners with knowledge and understanding of a complex blend of skills, knowledge and occupational behaviours across Advanced Manufacturing Engineering disciplines. The qualification covers the advanced knowledge, understanding and skills that are required by someone working in the Advanced Manufacturing Engineering sector.

Awarding Body: **EAL**
Qualification Code: **603/1353/5**

Total Qualification Time (Hours): **1200**
Guided Learning Hours: **750**

Year One

Mandatory Units

| EAL Code | Assessment Route Title |
|------------|--|
| AMEDK3/001 | Health and Safety in the Engineering Workplace |
| AMEDK3/002 | Communications for Engineering Technicians |
| AMEDK3/003 | Mathematics for Engineering Technicians |

Selected Units

| EAL Code | Assessment Route Title |
|------------|---|
| AMEDK3/005 | Mechanical Principles of Engineering Systems |
| AMEDK3/006 | Electrical and Electronic Principles in Engineering |
| AMEDK3/023 | Engineering Drawing for Technicians |

Year Two

| EAL Code | Assessment Route Title |
|------------|--|
| AMEDK3/004 | Engineering Project |
| AMEDK3/007 | Properties and Applications of Engineering Materials |
| AMEDK3/009 | Applications of Mechanical Systems in Engineering |
| AMEDK3/015 | Engineering Maintenance Procedures and Techniques |
| AMEDK3/068 | Digital Electronics |

Note: Additional units can be made available subject to demand and delivery resources.