

Advanced Diploma

1080 Guided Learning Hours

<p>Principal Learning TOTAL 540 GLH 50% Applied Learning</p>	<p>Generic Learning Extended Project 120 GLH</p>	<p>Additional & Specialist Learning 360 GLH</p>	<p>Work Experience: Min. 10 days at L3</p>
<p>Personal Learning & Thinking Skills 60 GLH</p>			

Unit Title – Level 3

1. Investigating Engineering Business and the Environment 50 % SRC & 50 % NETA	60 glh	External
2. Applications of Computer Aided Designing 50 % SRC & 50 % NETA	60 glh	Internal
3. Selection and Application of Engineering Materials 50 % SRC & 50 % NETA	60 glh	Internal
4. Instrumentation and Control Engineering 20 % SRC & 80 % NETA – installation, commissioning, calibration, and control applications manual & DCS systems	60 glh	Internal
5. Maintaining Engineering Plant, Equipment and Systems 10 % SRC & 90 % NETA Engineering Plant, Equipment and Systems	30 glh	Internal
6. Investigating Modern Manufacturing Techniques used in Engineering 50 % SRC & 50 % NETA	60 glh	Internal
7. Innovative Design and Enterprise 50 % SRC & 50 % NETA	60 glh	Internal
8. Mathematical Techniques and Applications for Engineers 50 % SRC & 50 % NETA	60 glh	External
9. Principles and Application of Engineering Science 50 % SRC & 50 % NETA	90 glh	Internal