

# Open Awards Qualification Unit



This unit forms part of a regulated qualification.

## 1 Unit Details

Unit Title:	Mechanical Engineering
Unit Reference Number:	H/650/3628
Level:	Entry Level Two
Credit Value:	6
Minimum GLH:	50

## 2 Learning Outcomes and Criteria

Learning Outcome (The Learner will):	Assessment Criterion (The Learner can):
1. Know the links between mechanical engineering, mathematics and science	1.1 State the main purpose of mechanical engineering
	1.2 Identify the links between mechanical engineering, mathematics and science
	1.3 Identify ways mathematics is used in mechanical engineering
2. Know what is involved in mechanical engineering	2.1 Identify the processes involved in mechanical engineering
	2.2 Give examples of items and appliances that require mechanical engineering
3. Know about working in mechanical engineering	3.1 Identify the skills required to work in mechanical engineering
	3.2 Give examples of a range of job roles requiring mechanical engineering skills

4. Know about the benefits and drawbacks of mechanical engineering in today's world

4.1 Identify a range of benefits of mechanical engineering to today's world

4.2 Give examples of a range of drawbacks of mechanical engineering