

HND Manufacturing Engineering

Qualification: HND **Subject Area:** Electrical and Engineering **Level:** 5
Duration: 2 Years **Attendance details:** Full Time **Location:** Washington
Award to be received: HND Manufacturing Engineering **Regulatory Body:**
Pearson **Institution Name:** CSUND **Institution Code:** C69 **Campus**
Code/Campus: 0S88 **Short Title:**

Course Information

Who is this course for?

If you are progressing from a level 3 Diploma in Manufacturing, Operations and Maintenance Engineering or a relevant 'A' level study programme and wish to develop a range of skills and techniques, personal qualities and attributes essential for successful performance in working life, then this course could be for you. It will enable you to make an immediate contribution to employment at the appropriate professional level with a range of technical and management skills needed for careers in engineering.

What do you need to apply for the course?

The course leader will review your profile of qualifications and/or experience held, considering whether this profile shows an ability to progress to a Level 4 qualification. If you have recently been in education, the entry profile is likely to include one of the following:

- a Level 3 Diploma in Engineering or Operations and Maintenance Engineering
- a relevant A-Level Programme

If you are a mature learner you may present a more varied profile of achievement that is likely to include extensive work experience (paid and/or unpaid) and/or achievement of a range of professional qualifications in your work sector.

What are the key things you'll learn?

4 Mandatory units:

- Engineering Science (L4)
- Analytical Methods for Engineers (L4)
- Project Design, Implementation and Evaluation (L5)
- Manufacturing Planning and scheduling Principles (L5)

Specialist units:

- Business Management Techniques for Engineers (L4)
- Manufacturing Processes (L4)
- Materials (L4)
- Computer aided Machining (L4)
- Computer Aid Design and Manufacture (L5)
- Advanced Manufacturing Technologies (L5)
- Work Based Experience (L5)
- Quality Assurance and Management (L5)
- Management of Projects (L4)
- Managing Individual Teams (L5)
- Engineering Design (L5)
- Advanced Computer Aided Design Techniques (L4)

Note: All optional units are not shown here and some may be changed to suit individual cohorts of students after discussion with the curriculum team and representative employers.

How will you learn?

You will learn through a variety of methods including:

- Classroom teaching,
- Craft workshop activity
- Directed work with other students
- Directed private study
- Directed study in Learning Centre

Assessment methods could include written assignments, coursework, practical assessment or combination.

Where could this course take you?

This course enables progression to or counts towards an undergraduate degree or further professional qualification in manufacturing engineering or related area.

What costs will you incur?

2017 Tuition Fee: £5,999 per year

Other course costs: Printing for your course – you will receive £30 credit for printing which will be paid in three instalments of £10 per term. Any printing requirements in excess of this can be purchased.

You may choose to purchase books from the recommended reading lists however the College Learning Centre have an excellent range of all books suggested within your units studied

You will be expected to provide your own pens, paper, and folders.