



# DistanceLearningCentre.com

## Unit Information

**Unit:** Principles of Physics

**Level:** 3

**Credit Value:** 6

### **What you will study:**

You will learn about the application of mechanics and the mechanical properties of materials. You will learn about the properties of waves and particles, including the Young's Slits experiments, the photoelectric effect and the calculations for these concepts. You will also learn about nuclear physics, the mechanisms for decay of unstable nuclei, and atomic physics. You will cover theory and applications of DC and AC electricity.

### **How you will be assessed:**

1. You will complete a number of short answer questions.
2. You will sit a 45-minute exam Via Skype.