



# DistanceLearningCentre.com

## Unit Information

**Unit:** Radiology

**Level:** 3

**Credit Value:** 6

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

You will learn about radiation, including the components of an atom, types of radiation decay and the health hazards of ionising radiation.

You will also learn about the use of X-rays in diagnosis, and how a CT scan produces coronal and sagittal images of the body.

The unit will cover the use of ultra-sound, how sound waves are reflected from an object and the use of ultra-sonography to develop images of baby's tissue in a mother's womb.

You will cover magnetic resonance imaging (MRI) and the effectiveness, benefits and limitations of this process.

You will also learn about the safety and procedures needed when using ionising radiation.

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

1. You will complete a number of short answer questions.