

Engineering Design

A PROJECT APPROACH TO DELIVERY

Energy Recovery

The Project Brief – Learner Copy

You are to design or modify a system that recovers or converts energy from existing energy sources.

Your task is to:

Apply the design cycle elements to:

- identify the key requirements for the energy recovery system
- researching commercial energy recovery systems through primary and secondary methods
- develop a justified design specification for the energy recovery system
- produce design ideas for the energy recovery system
- optimise the energy recovery system components through the use of prototyping and modelling
- evaluate the success of the prototype of the energy recovery system components.

This work can be undertaken as an individual or within a team. If working within a team you are expected to contribute to each of the areas in order to gain the experience and knowledge required to successfully complete the Cambridge National in Engineering Design.

