Clinical Engineering (MPHY0009)

**Description**
The purpose of this module is to provide technical and practical information to enable a good level of familiarity with medical devices typically found in a clinical environment. Characteristics of equipment such as engineering principles, medical purpose, user operation, maintenance, design appraisal, and common faults will be presented. Aims & Objectives To apply electronics and physics knowledge to both the design and use of a number of clinical medical devices To be able to understand the use of clinical medical devices from a number of key perspectives To be familiar enough with clinical medical devices to: - diagnose common equipment problems efficiently - prioritise clinical engineering activities - suggest improvements to existing equipment design

**Key information**
- **Year**: 2019/20
- **Credit value**: 15 (150 study hours)
- **Delivery**: UG L5, Campus-based
- **Reading List**: [View on UCL website](#)
- **Tutor**: Dr Julian Henty
- **Term**: Term 1
- **Timetable**: [View on UCL website](#)

**Assessment**
- Written examination (main exam period): 60%
- Coursework: 40%

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