

# ES97FA1

## Individual Essay 2000 words excluding figures and references

This essay consists in selecting a medical device among those of your interest (device to be agreed with the Module Leader) and write a technical report describing:

- 1) The working principle of the device (i.e. physical, biological or physiological);
- 2) Device main components/parts (i.e. using block diagrams);
- 3) Medical device classification according to European or FDA classification;
- 4) Relevant factors affecting design, assessment, purchasing and maintenance

### Submission

Your submission should be prepared using the Arial font (minimum size 10pt) in a **single-column** format and **must not exceed 2000 words** (excluding title, abstract, index, figures, references and appendix). The appendix should only be used to provide additional information, which might be helpful but not essential for the report.

Your submission must be submitted electronically via Tabula before the end of Thursday in (Academic) Week 20 (12 February 2018). You are reminded to ensure that your submission is of an appropriate file size. It is the student's responsibility to ensure that files are submitted satisfactorily.

### Assessment Criteria

The report will be judged according to:

- 1) Quality and relevance (70%):
  - a. Are the working principles well formulated, described, predefined and specified?
  - b. Is the block diagram clear and comprehensive?
  - c. Is the device well classified?
  - d. Are relevant factors for design, assessment, purchasing and maintenance described?
  - e. Is the report sufficiently referenced?
- 2) Presentation (30%)
  - a. Report well structured.
  - b. Tables and figure well reported (i.e. clear and univocally numbered captions, all the units have been specified, all the axis properly labelled, all the acronym properly explained etc.)
  - c. References well cited (student can choose any style as far as it is consistently maintained across the report)

### Feedback

Feedback will be given via email.