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MODULE DESCRIPTOR

Module Title

Pre-Project Biomedical Technology Industrial Placement

Reference	EN4605	Version	1
Created	January 2018	SCQF Level	SCQF 10
Approved	March 2018	SCQF Points	30
Amended		ECTS Points	15

Aims of Module

To provide the student with initial experience of a real-world work environment, with the requirement that they apply to this environment, as part of a project team, the knowledge and transferable skills acquired in the degree studies. To allow the establishment of the aims and objectives of an industrially-linked project.

Learning Outcomes for Module

On completion of this module, students are expected to be able to:

- 1 Demonstrate achieving skills in the following areas: project planning, teamworking, biomedical device related technology, professional and personal development, communication, staff relations.
- 2 Apply and integrate, in the workplace, the engineering theories, models, concepts, principles and knowledge of the medical device quality regulations acquired in their academic studies to seek biomedical related solution.
- 3 Recognise and appraise their own strengths and weaknesses as a potential Chartered Engineer/BioEngineering Manager.
- 4 Identify an industrially-linked project, and define its aims and objectives.

Indicative Module Content

The content of the industrial placement will vary. The student will produce an agreed learning contract with the host organisation and devise a programme which will enable the learning outcomes specified above to be achieved. An important aspect of this phase of the placement is the identification of a project, in tune with the technological development of the industrial host, which is undertaken on the student's return to University.

Module Delivery

Delivery is by means of on-the-job training. The student will be required to liaise with University staff, so that progress can be monitored, and to verify in due course that a suitable project has been identified. In addition the student may be required to attend specific staff development workshops as designated by the host organisation.

Indicative Student Workload

	Full Time	Part Time
Contact Hours	N/A	N/A
Non-Contact Hours	N/A	N/A
Placement/Work-Based Learning Experience [Notional] Hours	300	300
TOTAL	300	300
<i>Actual Placement hours for professional, statutory or regulatory body</i>	370	370

ASSESSMENT PLAN

If a major/minor model is used and box is ticked, % weightings below are indicative only.

Component 1

Type:	Coursework	Weighting:	100%	Outcomes Assessed:	1, 2, 3, 4
Description:	A personal development portfolio including a final review, logbook, placement report, plus an oral presentation.				

MODULE PERFORMANCE DESCRIPTOR**Explanatory Text**

In order to pass the module students must achieve at least a grade D.

Module Grade	Minimum Requirements to achieve Module Grade:
A	70% and above
B	60-69%
C	50-59%
D	40-49%
E	35-39%
F	34% and below
NS	Non-submission of work by published deadline or non-attendance for examination

Module Requirements

Prerequisites for Module	None.
Corequisites for module	None.
Precluded Modules	None.

INDICATIVE BIBLIOGRAPHY

- 1 Introductory Guide to Industrial Placements.
- 2 Placement Operation and Assessment Guide.