

Liverpool John Moores University

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Title: HEALTHCARE INDUSTRY
Status: Definitive
Code: **5505ICBTBE** (127052)
Version Start Date: 01-08-2021

Owning School/Faculty: Pharmacy & Biomolecular Sciences
Teaching School/Faculty: ICBT, Colombo

Team	Leader
Alison Cotgrave	Y

Academic Level: FHEQ5 **Credit Value:** 15 **Total Delivered Hours:** 70.5
Total Learning Hours: 150 **Private Study:** 79.5

Delivery Options

Course typically offered: S2 and Non Std S2 (S2 for Jan)

Component	Contact Hours
Lecture	45
Off Site	12
Seminar	6
Tutorial	6

Grading Basis: 40 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Exam	Exam	Formal written exam	50	1.5
Essay	Essay	Essay (2500 words)	50	

Aims

Aim(s) of the module is intended to provide learners with a basic understanding of professionalism in the healthcare industry and understanding of the relevance and importance of marketing, quality standards and processes and a comprehensive

understanding of principles for successful management of organisations within the healthcare industry. It is further intended that the learner will familiarise standards and ethics regulated by various professional bodies in the industry in differing contexts and various scales of projects and to introduce management procedures used in the Hospital environment.

Learning Outcomes

After completing the module the student should be able to:

- 1 Identify & recognise the requirement for professional development in the healthcare industry.
- 2 Evaluate the structure and functioning of hospitals with available health services and examine the marketing principles and processes used within the healthcare industry.
- 3 Examine and demonstrate the installation, maintenance, troubleshooting of measuring, recording, monitoring, imaging and therapeutic equipment.
- 4 Apply transdisciplinary skills & knowledge to problem solve and improve professionalism within a team.

Learning Outcomes of Assessments

The assessment item list is assessed via the learning outcomes listed:

Formal Written Exam	1	2
Essay	3	4

Outline Syllabus

1. *Introduction to Health System*
2. *Introduction to Professional Development*
3. *Management techniques for Biomedical Engineer*
4. *Basic Practical handling skills*
5. *Installation, Troubleshooting, Maintenance of Measuring, Recording and Monitoring Instruments*
6. *Installation, Troubleshooting, Maintenance of Modern Imaging Systems*
7. *Installation, Troubleshooting, Maintenance of Therapeutic Equipment*

Learning Activities

Students will be supported in their learning, to achieve the above learning outcomes, in the following ways:

- By a series of lectures and tutorials, through in class participation within practical sessions and demonstrations.
- Self-managed investigative study to develop & improve professionalism and solve problems.
- In-class participation to develop Transdisciplinary skills are key features of this

module.

- A recommended resource list - indicating key reading, internet support and physical learning assistance, is provided to help enable students to undertake self-directed study.

Notes

Learners will need access to appropriate library, IT facilities and tutorials.