

Liverpool John Moores University

Title: Professional and Leadership Skills
 Status: Definitive
 Code: **7141ENG** (120418)
 Version Start Date: 01-08-2016

Owning School/Faculty: Electronics and Electrical Engineering
 Teaching School/Faculty: Electronics and Electrical Engineering

Team	Leader
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Academic Level: FHEQ7 **Credit Value:** 10 **Total Delivered Hours:** 42

Total Learning Hours: 100 **Private Study:** 58

Delivery Options

Course typically offered: Runs Twice - S1 & S2

Component	Contact Hours
Lecture	12
Practical	24
Seminar	6

Grading Basis: 50 %

Assessment Details

Category	Short Description	Description	Weighting (%)	Exam Duration
Report	Report	Review of regulations, professional ethics;	20	
Portfolio	Portfolio	Social competence skills demonstrating Empathy including leveraging diversity and political awareness; demonstrating social skills including communication, conflict management, leadership, collaboration and cooperation, and team capabilities	40	
Portfolio	Portfolio	Personal competence skills	40	

Category	Short Description	Description	Weighting (%)	Exam Duration
		including adaptability, creativity and innovation, commitment to the organisation, and initiative		

Aims

To develop awareness of the legal and ethical framework surrounding the activities of a professional engineer, including: personnel, health, safety, and risk (including environmental risk) issues; To develop awareness of the Emotional Competence Framework for a professional engineer; To develop specific set of personal and social competency skills appropriate for a professional engineer, including adaptability, creativity and innovation, creativity diversification, leveraging diversity, political awareness, communication, conflict management, leadership, collaboration and cooperation, team capabilities.

Learning Outcomes

After completing the module the student should be able to:

- 1 Demonstrate understanding of the professional, ethical and moral responsibilities of a professional engineer
- 2 Use adaptability and innovation for managing one's inner states, impulses and resources, and understanding of commitment and initiative to facilitate reaching goals
- 3 Leverage diversity, political awareness and the skills surrounding empathy to cultivate opportunities in an organisation
- 4 Use an understanding of communication, conflict management, leadership, and collaborative skills to induce desirable responses in others for achieving the common goal

Learning Outcomes of Assessments

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

Report	1	
Work on social competence	3	4
Work on personal competence	2	

Outline Syllabus

Professional ethics, codes of conduct and moral responsibility; Corporate Social Responsibility.

Developments and trends in company organisations and management; need for the emotional competence framework.

Personal competence skills: Adaptability, creativity and innovation to manage one's internal states and resources for progress; commitment and initiative to guide or facilitate reaching goals.

Social competence skills: Leveraging diversity and developing political awareness for cultivating opportunities.

Communication, conflict management, leadership, collaboration and cooperation, and team capabilities in pursuing collective goals.

Learning Activities

This module will be delivered through a combination of formal lectures, seminars, and practical group activities.

Notes

This level 7 module provides a valuable opportunity for engineering graduates to acquire the necessary skills and training to work at postgraduate level, and to develop important emotional competency skills needed to excel in their professional activities.