MODULE **DESCRIPTOR**

MODULE TITLE	ENGINEERING PROFESSIONALISM		
MODULE CODE	EL3996	CREDIT VALUE	10 CREDITS (5 ECTS)
CAMPUS	UCLAN CYPRUS		
SCHOOL	SCHOOL OF SCIENCE		

MODULE **AIMS**

To equip students with an appreciation of the social and environmental aspects of a career in engineering.

MODULE **CONTENT**

The module is to develop students' awareness of a broad range of social and environmental aspects of engineering. Indicative module content includes:

Engineering career pathways, professional engineering institutions, including professional registration and codes of practice;

Standardisation bodies and the importance of engineering standards;

Ethics in engineering, technological developments and their impact on society;

Influence of legislation on engineering activity, including safety and environmental protection;

Intellectual property, including patenting, copyright, and plagiarism and;

Commercial aspects of engineering activity, including marketing and business planning.

INTENDED **LEARNING OUTCOMES**

On successful completion of this module a student will be able to:
Identify good practice in professional engineering conduct and the requirement for ethical and sustainable engineering development in society.
Predict and evaluate risk and reward management opportunities for engineering activity including commercial, legal, cultural, environmental and economic drivers.
Communicate an awareness of the requirements for professional registration with a recognized professional engineering institution and personal effectiveness in a selection process for employment as a graduate engineer.

TEACHING **METHODS**

Weekly lectures, including talks from visiting speakers, present the module content to students. Students use their private study and research to build up a web portfolio of evidence of their achievement of learning outcomes 1 & 3 and are expected to participate in available employability programmes and professional networking events. Students will commentate on their own performance and also peer review work for learning outcome 2.

ASSESSMENT **METHODS**

The module is assessed through a Portfolio with commentary on topics and references.