MGMT C1602: Management Fundamentals and Communications

Module Title:	Management and Communications
Language of Instruction:	English

Credits:	5

NFQ Level:	6

Module Delivered In	3 programme(s)

Teaching & Learning Strategies:	Lectures and Practicals.

Module Aim:	The aim of this module is introduce the students to management fundamentals and to provide them with the communications skills required of an engineer to produce reports.

Learning Outcomes	
On successful completion of this module the learner should be able to:	
LO1	Explain the role of the manager within a management system.
LO2	Describe the context of management in business environments and apply this knowledge to business situations.
LO3	Make ethical and informed decisions regarding the presentation of technical material.
LO4	Prepare written documents in order to communicate technical information to a varied readership.
LO5	Prepare presentations for the purposes of communicating technical information to a varied listenership.

Pre-requisite learning
Module Recommendations *This is prior learning (or a practical skill) that is recommended before enrolment in this module.*
No recommendations listed
Incompatible Modules *These are modules which have learning outcomes that are too similar to the learning outcomes of this module.*
No incompatible modules listed
Co-requisite Modules
No Co-requisite modules listed
Requirements *This is prior learning (or a practical skill) that is mandatory before enrolment in this module is allowed.*
No requirements listed

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Module Content & Assessment

Indicative Content
Introduction to Management Role and nature of management. Functions of management. Management skills.
Management Theory Business environments and planning tools (Task Factors. Macro Factors. PESTEL framework. SWOT Analysis. 7S. BCG Matrix. GE Matrix. Porter's 5 Forces.) Product Life Cycle.
Introduction to Communciations The role of communications in engineering.
Ethics Ethical decisions in engineering. Case studies. Code of Ethics. Copyright. Referencing. Plagiarism.
Written communications Effective technical writing. Forms of technical writing (e.g. memos, instructions, specifications, formal reports). Research & preparation. Effective use of word processing & graphing tools.
Presentations Effective presentations.

Assessment Breakdown	%
Continuous Assessment	100.00%

Continuous Assessment

Assessment Type	*Assessment Description*	*Outcome addressed*	*% of total*	*Assessment Date*
Other	Students will submit written assignments.	1,2,3,4,5	50.00	n/a
Other	Students will research and deliver a presentation.	3,5	30.00	n/a
Other	Other forms of assessment include class tests.	1,2,3,4	20.00	n/a

No Project

No Practical

No End of Module Formal Examination

SETU Carlow Campus reserves the right to alter the nature and timings of assessment

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Module Workload

Workload: Full Time		
Workload Type	*Frequency*	*Average Weekly Learner Workload*
Lecture	12 Weeks per Stage	2.00
Practicals	12 Weeks per Stage	1.00
Estimated Learner Hours	15 Weeks per Stage	5.93
	Total Hours	125.00

Module Delivered In

Programme Code	Programme	Semester	Delivery
CW_EEAER_B	Bachelor of Engineering (Honours) in Aerospace Engineering	1	Mandatory
CW_EEACS_D	Bachelor of Engineering in Aircraft Systems	1	Mandatory
CW_EEPLT_D	Bachelor of Science in Pilot Studies	1	Mandatory