

Course unit title:	Facilities Management		
Course unit code:	QSM 475		
Type of course unit:	Technical Elective		
Level of course unit:	Bachelor (1st Cycle)		
Year of study:	4		
Semester when the unit is delivered:			
Number of ECTS credits allocated :	6		
Name of lecturer(s):	Dr Paris Fokaides		
Learning outcomes of the course unit:	<ol style="list-style-type: none"> 1. Identify the requirements and effects of facility management 2. Exhibit knowledge and understanding of the facility management agreement procedures, as well as of the execution of facility management contracts. 3. Conceptualise the link between facility management and quality management. 4. Develop and exhibit critical thinking in the facility design, especially in the field of building services 5. Define the significance of facility management in sustainable constructions and sustainable construction schemes (BREEAM, LEED). 		
Mode of delivery:	Face-to-face		
Prerequisites:		Co-requisites:	None
Recommended optional program components:			
Course contents:	<p>Part 1: Introduction to Facility Management Introduction to facility management, ISO 15221:2006 standard series, scope and objectives of facility management.</p> <p>Part 2: Facility Management Agreement Introduction to facility management agreement, main characteristics of facility management agreement, facility management agreement structure</p> <p>Part 3: Facility Management and Quality Quality Management Systems, elements influencing quality in facility management, needs – demands - requirements: The GAP Model, Measurement metrics and analysis.</p> <p>Part 4: Facility Management Processes Facility management processes: Strategic Level, Tactical Level, Operational Level.</p> <p>Part 5: Facility Design Assets and building services. Main elements, design principles and cost of maintenance. Basic design principles for main building services.</p> <p>Part 6: Sustainable Construction Schemes and Facility Management BREEAM and LEED scheme. Issues in sustainable construction schemes related to facility management.</p>		
Recommended and/or required reading:			
Textbooks:	<ul style="list-style-type: none"> • D.G. Cotts K.O. Roper, R.P. Payant, The Facility Management Handbook, Mc Graw Hill, 2009 		
References:	<ul style="list-style-type: none"> • ISO 15221:2006 Part 1- Part6. • B. Atkin, Total Facilities Management, Wiley-Blackwell, 2009. • F.Hall, R. Greeno, Building Services Handbook, Elsevier, 2007. 		
Planned learning activities and teaching methods:	The course will be presented through theoretical lectures in class. The lectures will present to the student the course content and allow for questions. Part of the material will be presented using visual aids. The aim is to familiarize the student with the different and faster pace of presentation and also allow the instructor to present related material (photographs etc) that would otherwise be very difficult to do. The learning process will be enhanced with the requirement from the student to solve exercises. These include self evaluation exercises		

	<p>which will be solved in class. These exercises will not be graded. Exercises will also be given as homework (final project) which will be part of their assessment. Besides from the notes taken by students in class, all of the course material will be made available through the class website and also through the eLearning platform. Finally the instructor will be available to students during office hours or by appointment in order to provide any necessary tutoring.</p>
Assessment methods and criteria:	<ul style="list-style-type: none"> • Assignments 20% • Tests: 30% • Final Exam 50%
Language of instruction:	English
Work placement(s):	No