

UNIVERSITY OF CENTRAL LANCASHIRE

Programme Specification

This Programme Specification provides a concise summary of the main features of the programme and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided.

Sources of information on the programme can be found in Section 17

1. Awarding Institution / Body	University of Central Lancashire
2. Teaching Institution and Location of Delivery	Year 1-3: International College of Engineering and Management, Oman Year 4: ICEM and UCLan Preston Campus
3. University School/Centre	School of Engineering
4. External Accreditation	CIOB Accredited for UCLan Preston, not for ICEM Oman.
5. Title of Final Award	BSc (Hons) Facilities Management
6. Modes of Attendance offered	4 Years Full Time, 5 Years Sandwich 6 Years Part Time (Year 1-3 Oman)
7. UCAS Code 7b JACS Code/HECOS Code	N/A K200/101308
8. Relevant Subject Benchmarking Group(s)	Building & Surveying General Business and Management
9. Other external influences	British Institute of Facilities Management Competences RICS Guidance on the APC examination and APC Competences CIOB Educational Framework 2018 Workplace requirements and market demand
10. Date of production/revision of this form	June 2022
11. Aims of the Programme	
- To introduce students to the range of activities within the facilities management field and equip them with the skills to enable them to pursue a career in facilities management. - To develop students' knowledge and understanding in different disciplines such as management, economics, law, technology, and engineering and provide them a broad introduction to the disciplines and the specialist work they undertake. - To prepare the students for typical problems they will encounter in their day to day job, develop their ability to quickly respond and adapt to changing work situations and environments and provide solutions to complex facilities management problems. - To develop students' skills in communication, independent study, team working, problem solving, management and critical thinking which will equip graduates for the world of work and lifelong learning. - To provide a basis from which students can develop themselves professionally either by pursuing their higher studies or employment.	

12. Learning Outcomes, Teaching, Learning and Assessment Methods
A. Knowledge and understanding
A1. Demonstrate an understanding of the main concepts, theories and principles that underpin facility management and its application in the workplace. A2. Exhibit knowledge and understanding from financial, legal, business, safety and management principles in delivering services to support the core organizational functions. A3. Identify and apply different tools and technologies that enhance FM practice in the workplace.
Teaching and Learning Methods
Each module will adopt a range of learning and teaching strategies that aim to meet the needs of students with diverse practice and educational experiences. • Traditional Lectures introduce themes and concepts often followed by directed self-study; • Class room based tutorials; • Laboratory activities; • Student seminar – individual and group; • Industrial visits and lectures from practising industrialists; • Directed project and investigative work both individually and in groups; • Group discussions, case studies and presentations. • Use of Blackboard/Ms Teams to provide supplemental reading, module information and a student discussion board.
Assessment methods
A variety of methods of assessment are utilised appropriate to the learning outcomes of the individual modules. The range of assessments experienced by the students will include: • Written Examinations; • Assignments; • Portfolios; • Student presentations; • Technical Reports; • Integrated assignments; • Case study analysis; • Essays; • Continuous assessment; • Directed project and investigative work both individually and in groups, • Scenario based analysis, • Mini projects.
B. Subject-specific skills
B1. Exhibit an awareness of the significance, scope and the key aspects of facilities management, including customer and stakeholder care, environmental management and sustainable solutions and health and safety in the work place; B2: Critically appraise current attitudes and methods within the profession and adopt a creative and innovative approach to the solution of facilities management problems and related spheres of work. B3. Review and analyse procurement issues and seek to meet the needs of the project in terms of time, cost, and quality. B4. Use information and communication technology in application to facilities management including the use of computer aided design and computer aided project management.
Teaching and Learning Methods
Traditional Lectures introduce themes and concepts often followed by directed self-study; Classroom based tutorials; Laboratory activities; Student seminar – individual and group; Industrial visits and lectures from practising industrialists; Directed project and investigative work both individually and in groups; Group discussions, case studies and presentations; Use of Blackboard/Ms Teams to provide supplemental reading, module information and a student discussion board.
Assessment methods
Written Examinations; Assignments; Portfolios; Student presentations; Technical Reports; Integrated assignments; Case study analysis; Essays; Continuous assessment; Directed project and investigative work both individually and in groups, Scenario based analysis, Mini projects.

C. Thinking Skills
C1. Collect and evaluate qualitative and quantitative data from a range of sources relating to complex problems and issues. C2. Identify and analyse broadly defined problems, evaluate possible optional strategies, design and optimise appropriate solutions. C3. Collect and integrate evidence to develop coherent arguments and express them clearly and concisely and apply logical thought to a range of industry problems. C4. Critically reflect upon the body of knowledge, methodologies, procedures and legislation related to the management of facilities and communicate the impact of these to individuals at different levels in an organisation.
Teaching and Learning Methods
Traditional Lectures introduce themes and concepts often followed by directed self-study; Classroom based tutorials; Laboratory activities; Student seminar – individual and group; Industrial visits and lectures from practising industrialists; Directed project and investigative work both individually and in groups; Group discussions, case studies and presentations; Use of Blackboard/Ms Teams to provide supplemental reading, module information and a student discussion board.
Assessment methods
Written Examinations; Assignments; Portfolios; Student presentations; Technical Reports; Integrated assignments; Case study analysis; Essays; Continuous assessment; Directed project and investigative work both individually and in groups, Scenario based analysis, Mini projects.
D. Other skills relevant to employability and personal development
D1. Design and implement an independent research project that sits within the realm of FM research and practice. D2. Work independently and within a team to complete problems and tasks based upon workplace scenarios. D3. Communicate ideas in a coherent, critical and analytical manner to a variety of audiences using a range of formats and approaches. D4. Work towards targets for personal, academic and professional development through independent and lifelong learning skills.
Teaching and Learning Methods
Traditional Lectures introduce themes and concepts often followed by directed self-study; Classroom based tutorials; Laboratory activities; Student seminar – individual and group; Industrial visits and lectures from practising industrialists; Directed project and investigative work both individually and in groups; Group discussions, case studies and presentations; Use of Blackboard/Ms Teams to provide supplemental reading, module information and a student discussion board.
Assessment methods
Reports; Presentations; Integrated assignments; Reflective log; Mini projects; Directed project and investigative work both individually and in groups, Case study analysis; Scenario based analysis.

13. Programme Structures*				14. Awards and Credits*
Level	Module Code	Module Title	Credit rating	
Level 6	BN3002 BN3010 BN3040 BN3060 BN3720 BN3990	Maintenance Management * Project Management and BIM * Facilities Management * Project Analysis & Appraisal * Health and Safety Management * Dissertation/Project *	20 20 20 20 20 20	B.Sc. (Honours) Facilities Management Requires 480 credits with 360 credits at Stage 2; including a minimum of 480 credits at level 4 or above, 360 credits at level 5 or above, and 180 credits at level 6 or above. Students who successfully complete OM3000 will receive the award with Industrial Placement
	OM3000	Industrial Placement (Optional)	120 notional credits	
Level 5/6	OM2055 OM2068 OM2091 OM3060 OM3062 OM3082	Personal and Professional Development 2 Quantity Surveying Practice Facilities Management Practice and Services Project Management Techniques Research Methods in Built Environment Construction Contract Administration	20 20 20 20 20 20	Advanced Diploma in Facilities Management Requires 360 credits with 240 credits at stage 2; including a minimum of 360 credits at level 4 or above, 240 credits at level 5 or above, and 60 credits at level 6 or above. Students who successfully complete OM1040 will receive the award with Industrial experience
Level 5	OM2094 OM2065 OM2081 OM2092 OM2090 OM2093 OM1040	Professional Development and Entrepreneurship Construction Technology Health, Safety & Environment Laws for the Built Environment and Procurement. Built Environment Systems & Services 1 Built Environment Systems & Services 2 Industrial Experience (Optional)	20 20 20 20 20 20 20 notional credit	Diploma of Higher Education in Facilities Management Requires 240 credits with 120 credits at stage 2; including a minimum of 240 credits at Level 4 or above, and 120 credits at Level 5 or above. Students who successfully complete OM1040 will receive the award with Industrial experience
Level 4	OM1055 OM1087 OM1081 OM1088 OM1084 OM1083	Personal and Professional Development 1 Surveying, CAD and IT applications Planning and Construction of Facilities Building Materials Math and Science for Built Environment Organizational Management & Economics	20 20 20 20 20 20	Certificate of Higher Education Requires 120 credits at Level 4. (Stage 1)
15. Personal Development Planning				

The modules at each level provide students with the opportunity to engage with their own personal development planning and to recognise that learning is a lifelong process.

Following appropriate introduction and induction, the Course Team will support students in reflecting on their learning, performance and achievement, and in their planning for personal, educational, and career development.

Skills in PDP such as self-reflection, recording, target setting, action planning and monitoring will be highlighted as key lead indicators of success in securing employment on graduation.

Over the duration of the course, and including reference to extra-curricular student activities, tutors for the Personal and Professional Development modules and Personal Tutors will take formal responsibility for supporting students through their personal development in the following areas:

- Self Awareness
- Study Skills
- Reviewing Progress
- Career Plans
- Making Applications

16. Admissions criteria

1. Applicants will normally have completed 12 years of secondary schooling and having followed Pure/Applied Mathematics stream, or the equivalent, with a grade of D or higher in Mathematics, Physics, Chemistry and English for Omani General Diploma Certificate. In addition, all applicants will be interviewed and complete a diagnostic entry test in English Language, Mathematics and Science to assess their ability to complete the programme. Applicants will be required to have a minimum average level of proficiency in English Language equivalent to IELTS band 5.0 with no band in any of the four skills (reading, listening, speaking writing) lower than 4.5. The programme includes structured provision for further development of English language skills.

OR

2. Students who have successfully completed a Foundation year at the International College of Engineering & Management in Oman will have undertaken final assessments in English Language (equivalent to IELTS band 5.0 with no band in any of the four skills - reading, listening, speaking writing, lower than 4.5) and will have demonstrated the level of proficiency in all areas required for admission onto the programme.

APL/APEL will be assessed through standard University procedures.

17. Key sources of information about the programme

- ICEM Marketing Brochure
- ICEM Website at www.icem.edu.om
- School web site at <https://www.uclan.ac.uk/schools/engineering>
- University courses information at <https://www.uclan.ac.uk/courses>
- Professional body requirements may be found at www.ciob.org.uk

18. Curriculum Skills Map

Please tick in the relevant boxes where individual Programme Learning Outcomes are being assessed

Level	Module Code	Module Title	Core (C), Compulsory (COMP) or Option (O)	Programme Learning Outcomes														
				Knowledge and understanding			Subject-specific Skills				Thinking Skills				Other skills relevant to employability and personal development			
				A1	A2	A3	B1	B2	B3	B4	C1	C2	C3	C4	D1	D2	D3	D4
e.g. LEVEL 6	BN3002	Maintenance Management*	COMP	✓	✓	✓	✓	✓	✓		✓	✓	✓	✓		✓	✓	✓
	BN3010	Project Management and BIM *	COMP		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	BN3040	Facilities Management*	COMP		✓	✓	✓	✓	✓			✓		✓		✓	✓	
	BN3060	Project Analysis & Appraisal*	COMP		✓	✓	✓	✓	✓		✓		✓	✓	✓	✓	✓	
	BN3720	Health and Safety Management *	COMP		✓			✓	✓			✓		✓		✓	✓	
	BN3990	Dissertation / Project*	COMP			✓		✓			✓	✓	✓	✓	✓	✓	✓	✓
e.g. LEVEL 5 \ 6	OM2055	Personal and Professional Development 2	COMP								✓	✓			✓	✓	✓	✓
	OM2068	Quantity Surveying Practice	COMP	✓	✓		✓		✓	✓	✓					✓	✓	
	OM2091	Facilities Management Practice and Services	COMP		✓	✓	✓	✓				✓	✓	✓	✓	✓	✓	
	OM3060	Project Management Techniques	COMP		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
	OM3082	Construction Contract Administration	COMP	✓	✓		✓	✓	✓			✓	✓	✓		✓	✓	
	OM3062	Research Methods in Built Environment	COMP			✓		✓			✓	✓	✓	✓	✓	✓	✓	✓
e.g. LEVEL 5	OM2094	Professional Development and Entrepreneurship	COMP								✓	✓			✓	✓	✓	✓
	OM2065	Construction Technology	COMP	✓		✓	✓	✓	✓			✓	✓	✓		✓	✓	
	OM2081	Health Safety and Environment	COMP	✓	✓		✓	✓				✓		✓		✓		
	OM2092	Laws for the Built Environment and Procurement.	COMP	✓	✓		✓		✓		✓			✓		✓		
	OM2090	Built Environment Systems & Services 1	COMP	✓		✓	✓	✓			✓	✓	✓	✓		✓	✓	
	OM2093	Built Environment Systems & Services 2	COMP	✓		✓	✓	✓			✓	✓	✓			✓	✓	
e.g. LEVEL 4	OM1055	Personal and Professional Development 1	COMP								✓				✓	✓	✓	✓
	OM1087	Surveying, CAD, and IT Applications	COMP	✓		✓	✓			✓	✓					✓	✓	
	OM1081	Planning and Construction of Facilities	COMP	✓		✓	✓				✓					✓		
	OM1088	Building Materials	COMP	✓		✓	✓				✓					✓		
	OM1083	Organisational Management & Economics	COMP	✓	✓		✓	✓	✓			✓	✓			✓		✓
	OM1084	Maths & Science for Built Environment	COMP	✓							✓					✓		

* Modules offered in Oman

19. LEARNING OUTCOMES FOR EXIT AWARDS:

Learning outcomes for the award of: Cert HE (120 Credits)

- A1. Demonstrate an understanding of the main concepts, theories and principles that underpin facility management and its application in the workplace.
- A3. Identify and apply different tools and technologies that enhance FM practice in the workplace.
- B1. Exhibit an awareness of the significance, scope and the key aspects of facilities management, including customer and stakeholder care, environmental management and sustainable solutions and health and safety in the work place;
- C1. Collect and evaluate qualitative and quantitative data from a range of sources relating to complex problems and issues.
- D2. Work independently and within a team to complete problems and tasks based upon workplace scenarios.

Learning outcomes for the award of: Dip HE in Facilities Management (240 credits)

- A1. Demonstrate an understanding of the main concepts, theories and principles that underpin facility management and its application in the workplace.
- A3. Identify and apply different tools and technologies that enhance FM practice in the workplace.
- B1. Exhibit an awareness of the significance, scope and the key aspects of facilities management, including customer and stakeholder care, environmental management and sustainable solutions and health and safety in the work place;
- B2. Critically appraise current attitudes and methods within the profession and adopt a creative and innovative approach to the solution of facilities management problems and related spheres of work.
- C1. Collect and evaluate qualitative and quantitative data from a range of sources relating to complex problems and issues.
- C4. Critically reflect upon the body of knowledge, methodologies, procedures and legislation related to the management of facilities and communicate the impact of these to individuals at different levels in an organisation.
- D2. Work independently and within a team to complete problems and tasks based upon workplace scenarios.
- D3. Communicate ideas in a coherent, critical and analytical manner to a variety of audiences using a range of formats and approaches.

Learning outcomes for the award of: Advanced Dip HE in Facilities Management (360 credits)

- A1. Demonstrate an understanding of the main concepts, theories and principles that underpin facility management and its application in the workplace.
- A2. Exhibit knowledge and understanding from financial, legal, business, safety and management principles in delivering services to support the core organizational functions.
- A3. Identify and apply different tools and technologies that enhance FM practice in the workplace.
- B1. Exhibit an awareness of the significance, scope and the key aspects of facilities management, including customer and stakeholder care, environmental management and sustainable solutions and health and safety in the work place;
- B2. Critically appraise current attitudes and methods within the profession and adopt a creative and innovative approach to the solution of facilities management problems and related spheres of work.
- B3. Review and analyse procurement issues and seek to meet the needs of the project in terms of time, cost, and quality.
- C1. Collect and evaluate qualitative and quantitative data from a range of sources relating to complex problems and issues.
- C2. Identify and analyse broadly defined problems, evaluate possible optional strategies, design and optimise appropriate solutions.
- C3. Collect and integrate evidence to develop coherent arguments and express them clearly and concisely and apply logical thought to a range of industry problems.

- C4. Critically reflect upon the body of knowledge, methodologies, procedures and legislation related to the management of facilities and communicate the impact of these to individuals at different levels in an organisation.
- D1. Design and implement an independent research project that sits within the realm of FM research and practice.
- D2. Work independently and within a team to complete problems and tasks based upon workplace scenarios.
- D3. Communicate ideas in a coherent, critical and analytical manner to a variety of audiences using a range of formats and approaches.