UNIVERSIDAD DE CASTILLA - LA MANCHA
GUÍA DOCENTE

Course: MANAGEMENT AND PROJECT MANAGEMENT

Type: CORE COURSE

Degree: 2349 - MASTER DEGREE PROGRAMME IN TELECOMMUNICATION ENGINEERING

Center: 308 - SCHOOL POLYTECHNIC OF CUENCA

Year: 2

Main language: Spanish

Use of additional languages:

Web site:

Code: 310912

ECTS credits: 6

Academic year: 2023-24

Group(s): 30

Duration: First semester

Second language:

English Friendly: N

Bilingual: N

Lecturer: **JORGE LINUESA LANGREO** - Group(s): **30**

Building/Office	Department	Phone number	Email	Office hours
Facultad de CC. Sociales/ Despacho 3.5	ADMINISTRACIÓN DE EMPRESAS	969179100 (Ext. 4239	jorge.linuesa@uclm.es	

Lecturer: **JUAN CARLOS LOPEZ LOPEZ** - Group(s): **30**

Building/Office	Department	Phone number	Email	Office hours
Fermín Caballero / 3.07	TECNOLOGÍAS Y SISTEMAS DE INFORMACIÓN	3739	juancarlos.lopez@uclm.es	

Lecturer: **JORGE MATEO SOTOS** - Group(s): **30**

Building/Office	Department	Phone number	Email	Office hours
E. Politécnica Cuenca (1.14)	INGENIERÍA ELÉCTRICA, ELECTRÓNICA, AUTOMÁTICA Y COMUNICACIONES	926053852	jorge.mateo@uclm.es	

2. Pre-Requisites
Not established

3. Justification in the curriculum, relation to other subjects and to the profession
Not established

4. Degree competences achieved in this course

Course competences

Code	Description
E17	The ability to plan, manage, coordinate, and technically and financially manage projects for the following: systems, networks, infrastructure and telecommunications services, including the supervision and coordination of draft projects or appended works; infrastructure common to buildings or residential nuclei of telecommunications, including projects about digital homes; telecommunication infrastructure in transport and environment; with their corresponding energy supply facilities and evaluation of electromagnetic emissions and electromagnetic compatibility.
G01	The ability to conceptualise, calculate and design products, processes and facilities in all fields of Telecommunications Engineering.
G02	The ability to lead the creation and installation of telecommunication systems while complying with current regulations ensuring quality service.
G03	The ability to lead, organise, and supervise multidisciplinary teams.
G05	The ability to draft, strategically plan, lead, coordinate, technically manage and financially manage projects in all fields of Telecommunications Engineering while following quality and environmental criteria.
G06	The ability for the overall management and technical management of research, development and innovation projects in companies and technology centres.
G08	The ability to apply acquired knowledge and solve problems in new or unknown settings within wide and multidisciplinary environments while being capable of integrating knowledge.
G09	The ability to understand the ethical responsibility and professional ethics of the activities related to the role of Telecommunications Engineer.
G10	The ability to apply the principles of economics, Human Resource Management and project management, as well as telecommunications legislation, regulations and standards.
G11	The ability to know how to communicate their conclusions and the latest supporting knowledge or data to both specialised and non-specialised audiences clearly and free from ambiguity.
G12	The ability to have the learning skills which allow them to continue studying in a largely self-directed or autonomous way.
G13	The knowledge, understanding, and ability to apply the legislation necessary to carry out the role of Telecommunications Engineer.
G14	The ability to have knowledge and understanding which provides a basis or opportunity to be original in the development and/or application of ideas, often within a research context.
G15	The ability to integrate knowledge and face the complexities of making assessments based on information which, whether incomplete or limited, includes reflections on the social and ethical responsibilities in the application of their knowledge and judgements.
G16	Leadership for the treatment of conflicts and abilities in negotiation and personal relationships, as well as to recognize and respect diversity and multiculturalism.

5. Objectives or Learning Outcomes

Course learning outcomes

Description

Understanding of technical documentation in English and mastery of specific vocabulary in this language.

Correct use of oral and written expression to convey ideas, technologies, results, etc.

Knowledge and respect of professional ethics and deontology.

6. Units / Contents

Unit 1:
    Unit 1.1
    Unit 1.2
    Unit 1.3
    Unit 1.4
Unit 2:
    Unit 2.1
    Unit 2.2
    Unit 2.3
    Unit 2.4
    Unit 2.5
Unit 3:
    Unit 3.1
    Unit 3.2
    Unit 3.3
Unit 4:
    Unit 4.1
    Unit 4.2
    Unit 4.3

7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Class Attendance (theory) [ON-SITE]	Lectures	E17 G01 G02 G03 G05 G06 G08 G09 G10 G13 G14 G15 G16	0.68	17	N	-	
Laboratory practice or sessions [ON-SITE]	Practical or hands-on activities	E17 G01 G02 G03 G05 G06 G08 G09 G10 G11 G12 G13 G14 G15 G16	0.72	18	Y	N	
Final test [ON-SITE]	Assessment tests	E17 G01 G02 G03 G05 G06 G08 G09 G10 G11 G12 G13 G14 G15 G16	0.08	2	Y	Y	
Individual tutoring sessions [ON-SITE]	Other Methodologies	E17 G01 G02 G03 G05 G06 G08 G09 G10 G11 G12 G13 G14 G15 G16	0.04	1	N	-	
Study and Exam Preparation [OFF-SITE]	Self-study	E17 G01 G02 G03 G05 G06 G08 G09 G10 G11 G12 G13 G14 G15 G16	3	75	N	-	
Writing of reports or projects [OFF-SITE]	Group Work	E17 G01 G02 G03 G05 G06 G08 G09 G10 G11 G12 G13 G14 G15 G16	1.2	30	N	-	
Other on-site activities [ON-SITE]	Group Work	E17 G01 G02 G03 G05 G06 G08 G09 G10 G11 G13 G14 G15 G16	0.28	7	Y	N	
		Total:	**6**	**150**			
		Total credits of in-class work: 1.8					Total class time hours: 45
		Total credits of out of class work: 4.2					Total hours of out of class work: 105

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System

Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Final test	60.00%	60.00%	
Projects	30.00%	30.00%	
Laboratory sessions	10.00%	10.00%	
Total:	**100.00%**	**100.00%**	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject , an ordinary and an extraordinary one (evaluating 100% of the competences).

9. Assignments, course calendar and important dates

Not related to the syllabus/contents	
Hours	**hours**
Laboratory practice or sessions [PRESENCIAL][Practical or hands-on activities]	18
Final test [PRESENCIAL][Assessment tests]	2
Individual tutoring sessions [PRESENCIAL][Other Methodologies]	1
Study and Exam Preparation [AUTÓNOMA][Self-study]	75
Writing of reports or projects [AUTÓNOMA][Group Work]	30
Other on-site activities [PRESENCIAL][Group Work]	7
Unit 1 (de 4):	
Activities	**Hours**
Class Attendance (theory) [PRESENCIAL][Lectures]	5
Unit 2 (de 4):	
Activities	**Hours**
Class Attendance (theory) [PRESENCIAL][Lectures]	5
Unit 3 (de 4):	
Activities	**Hours**
Class Attendance (theory) [PRESENCIAL][Lectures]	3.5
Unit 4 (de 4):	
Activities	**Hours**
Class Attendance (theory) [PRESENCIAL][Lectures]	3.5
Global activity	
Activities	**hours**
Laboratory practice or sessions [PRESENCIAL][Practical or hands-on activities]	18
Final test [PRESENCIAL][Assessment tests]	2
Writing of reports or projects [AUTÓNOMA][Group Work]	30
Other on-site activities [PRESENCIAL][Group Work]	7
Class Attendance (theory) [PRESENCIAL][Lectures]	17
Individual tutoring sessions [PRESENCIAL][Other Methodologies]	1
Study and Exam Preparation [AUTÓNOMA][Self-study]	75
	Total horas: 150

10. Bibliography and Sources

Author(s)	Title/Link	Publishing house	City	ISBN	Year	Description
Guarnizo, J.V.; Jiménez, J.J.; Hernández, F. y García, P.M.	Dirección de Recursos Humanos	Tebar Flores	Albacete		1999	
Gómez-Mejía, J.L., Balkin, D, y Cardy, R	Dirección y Gestión de Recursos Humanos	Pearson Educación	Madrid		2006	
Heizer, J.; Render, B.	Dirección de la Producción: Decisiones tácticas	Prentice Hall	Madrid		2001	
Claver, E.; Llopis, J.; Lloret, M. y Molina, H.	Manual de Administración de Empresas	Civitas	Madrid		2009	
Hira N. Ahuja, S.P. Dozzi, S.M. Abourizk.	Project management : techniques in planning and controlling construction projects	John Wiley & Sons,			1994	
Raul Bianchi	Cadena de esfuerzos eficientes : cómo terminar los proyectos a tiempo y en presupuesto : teoría de restricciones para la gestión de proyectos	Manosanta			2013	
Eric Ries	The Lean Startup: How Today's Entrepreneurs Use Continuous Innovation to Create Radically Successful Businesses	Crown Publishing Group			2011	
Alex Osterwalder, Yves Pigneur	Business Model Generation: A Handbook for Visionaries, Game Changers, and Challengers	Wiley			2015	
Cuervo, A. (Dir); Vazquez, C. (Coord.)	Introducción a la Administración de Empresas	Thomson-Civitas Madrid			2008	