



COURSE: Telecommunications projects, legislation and policy

DEGREE:

YEAR: 4th (6 ECTS)

TERM: 1

PLANIFICACIÓN SEMANAL DE LA ASIGNATURA

WEEK	SESSION	DESCRIPTION	GROUPS (mark X)		Special room for session (computer classroom, audio-visual classroom...)	WEEKLY PROGRAMMING FOR STUDENT		
			LECTURES	SEMINARS		DESCRIPTION	CLASS HOURS	HOMEWORK HOURS (Max. 7h week)
1	1	Introduction Project Management: General Concepts	X			Project versus operations concepts, and general concepts associated with project management	1,66	2
1	2	Project Life Cycle Start-up process	X			Project and product life cycles, types of life cycle. Starting-up a project: feasibility analysis, project charter, stakeholder analysis.	1,66	2
2	3	- Project integration & Project Management basics: scope, schedule, cost and quality:				Project overview, its integrated vision and skill set required for proper management. Project Plan content and how to create it. Scope Management Plan, WBS and WBS Dictionary. Management	1,66	2

		<ul style="list-style-type: none"> Project Scope. Schedule management 				<p>requirements through setting goals, success criteria, etc. Monitoring scope and change management.</p> <p>Project schedule development and monitoring. Time reduction techniques.</p>		
2	4	<p>- Project integration & Project Management basics: scope, schedule, cost and quality:</p> <ul style="list-style-type: none"> Schedule management (Cont.) Cost management 				<p>Project schedule development and monitoring. Time reduction techniques.</p> <p>Budgeting and project reserves. Monitoring. S curve</p>	1,66	2
3	5	<p>- Project integration & Project Management basics: scope, schedule, cost and quality:</p> <ul style="list-style-type: none"> Cost management (Cont.) Quality management 				<p>Budgeting and project reserves. Monitoring. S curve (Cont.)</p> <p>Concepts related to project quality, such as: planning, assurance and quality control. Quality tools. Quality plan.</p>	1,66	2
3	6	<p>Managing Project risk</p> <p>Procurement management</p>				<p>Concept of risk, identification, impact assessment and strategies to address risks. Risk Plan</p> <p>Decision of making or buying. Procurement processes. Types of contracts. Procurement Plan</p>	1,66	2
4	7	<p>Human Resources and communication management</p> <p>Project monitoring and control</p>				<p>Team building. Motivation. Leadership. Resource management. Resource Plan. Communication strategies. Conflict resolution. Communication plan.</p> <p>Monitoring tools and project control. Earned Value Management (EVM).</p>	1,66	2
4	8	<p>Project monitoring and control:</p> <ul style="list-style-type: none"> Project closure phase Professional responsibility Project manager 				<p>Monitoring tools and project control. Earned Value Management (EVM) (Cont.)</p> <p>Closing acquisitions. Lessons Learned and Administrative Closure.</p> <p>Professional behaviours in project management.</p>	1,66	2
5	9	<p>Introduction to the Telecommunication Industrial Sector: Social and economic aspects of the Telecommunication</p>				<p>Strategic vision of the telecommunications sector. Digital convergence Internet. Importance of Mobility and Broadband</p>	1,66	2
5	10	<p>Strategic analysis of industrial sectors (I):</p>				<p>Strategic analysis and competition. Porter Model and its application</p>	1,66	2

		(Players: Users, service providers, manufacturers, administrations and standardisation bodies)				to Telecommunications Sector		
6	11	Strategic analysis of industrial sectors (II) (Players: Users, service providers, manufacturers, administrations and standardisation bodies)				Strategic analysis and competition. Porter Model and its application to Telecommunications Sector	1,66	2
6	12	Implementation of the regulatory framework in Spain				Analysis Report of the CNMC on Telecommunications Sector in Spain	1,66	16
7	13 (9ª proy.-especial)	<i>Projects: teamwork presentation</i> Discussion				Master class (extra)	1,66	4
7	14	Global framework of telecommunications				Key actors in the Telecommunications Sector	1,66	
7	15	EEUU telecommunication Policy				Milestones of Telecommunications Policy in the United States of America. Telecommunication Act 1934 and Act of 1996	1,66	
8	16	Europe telecommunication Policy (I)				Liberalization of telecommunications in the European Framework and General Principles of Regulation	1,66	
8	17	Europe telecommunication Policy (II)				Liberalization of telecommunications in the European Framework and General Principles of Regulation	1,66	
9	18	Introduction to the regulatory framework in Spain: Telecommunication General Law				Liberalization of telecommunications in the Spain. Framework and General Principles of L.G.T.	1,66	
9	19	Radio spectrum Management and new generation networks (I)				Description of the main policies in spectrum management and implementation of NGN	1,66	
10	20	Radio spectrum Management and new generation networks (II)				Description of the main policies in spectrum management and implementation of NGN	1,66	
10	21	Digital Agenda for Europe: Digital Single Market (I)				Description of the main drivers of the ADE and the H2020. Description of the main aspects of the new European Regulation	1,66	16
11	22	Digital Agenda for Europe: Digital Single Market (II)				Description of the main drivers of the ADE and the H2020. Description of the main aspects of the new European Regulation	1,66	

11	23	Relevant markets, significant market power and universal service				Description of the main drivers of the ADE and the H2020. Description of the main aspects of the new European Regulation	1,66		
12	24	Relevant markets, significant market power and universal service				Description of the main aspects of the new European Regulation	1,66		
12	25	Digital Agenda for Spain				Description of the main drivers of the Digital Agenda for Spain.	1,66		
13	26	New regulatory framework in Europe (I)				Development of the European Regulatory Framework: Standardization and certification.	1,66		
13	27	New regulatory framework in Europe (II)				Development of the European Regulatory Framework: new regulatory challenges.	1,66		
14	28	Internet governance and network neutrality				Major players in Internet governance and different perspectives on net neutrality.	1,66	4	
14	29	Regulations and Policy: Presentation of works					1,66		
							Subtotal 1	48,14	62,00
							Total 1 (Hours of class plus student homework hours between weeks 1-14)		110,14
15		Tutorials, handing in, etc				Team work: Project Plan	12		
16		Assessment				Exam	3		
17									
18									
							Subtotal 2	15	
							Total 2 (Hours of class plus student homework hours between weeks 15-18)		
TOTAL (Total 1 + Total 2. <u>Máximo 180 horas</u>)								125	