

230712 - EWOC - Entrepreneurship for World Challenges

Coordinating unit:	230 - ETSETB - Barcelona School of Telecommunications Engineering		
Teaching unit:	710 - EEL - Department of Electronic Engineering		
Academic year:	2019		
Degree:	MASTER'S DEGREE IN ADVANCED TELECOMMUNICATION TECHNOLOGIES (Syllabus 2019). (Teaching unit Compulsory) MASTER'S DEGREE IN TELECOMMUNICATIONS ENGINEERING (Syllabus 2013). (Teaching unit Optional)		
ECTS credits:	5	Teaching languages:	English

Teaching staff

Coordinator:	Eva Vidal López
Others:	Eva Vidal Ramon Bragós Vicenç Fernández Agustín Andujar Marc Eguiguren

Prior skills

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Requirements

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Degree competences to which the subject contributes

Transversal:

CT1a. ENTREPRENEURSHIP AND INNOVATION: Being aware of and understanding how companies are organised and the principles that govern their activity, and being able to understand employment regulations and the relationships between planning, industrial and commercial strategies, quality and profit.

CT2. SUSTAINABILITY AND SOCIAL COMMITMENT: Being aware of and understanding the complexity of the economic and social phenomena typical of a welfare society, and being able to relate social welfare to globalisation and sustainability and to use technique, technology, economics and sustainability in a balanced and compatible manner.

CT3. TEAMWORK: Being able to work in an interdisciplinary team, whether as a member or as a leader, with the aim of contributing to projects pragmatically and responsibly and making commitments in view of the resources that are available.

CT4. EFFECTIVE USE OF INFORMATION RESOURCES: Managing the acquisition, structuring, analysis and display of data and information in the chosen area of specialisation and critically assessing the results obtained.

CT5. FOREIGN LANGUAGE: Achieving a level of spoken and written proficiency in a foreign language, preferably English, that meets the needs of the profession and the labour market.

Teaching methodology

Exposure of content with student participation
Discussion in classroom
Cooperative work
Seminars and conferences

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Learning objectives of the subject

- Ability to promote ICT projects that contribute to achieving the sustainable development objectives proposed by the United Nations.
- Ability to design and implement ICT-based entrepreneurship projects economically viable, socially acceptable and environmentally friendly.

Study load

Total learning time: 125h	Hours large group:	26h	20.80%
	Hours small group:	13h	10.40%
	Self study:	86h	68.80%

Content

Entrepreneurship for World Challenges	<p>Learning time: 125h</p> <p>Theory classes: 35h Practical classes: 10h Guided activities: 40h Self study : 40h</p>
<p>Description:</p> <ul style="list-style-type: none"> • Global challenges for sustainable development. • The new role of the company in the 21st century within the framework of the Sustainable Development Goals. • Ethical dimension: Mission, governance and value chain • The engineering professional in the face of innovation in the 21st century: Linear economy. Circular economy. Economy of the common good. New paradigms • The role of the entrepreneur and the intra-entrepreneur in the current company. • From the idea to the action: market, human resources, resources and viability. • User-oriented design methodologies and tools: Design Thinking, Lean Management, Agile methods <p>Specific objectives:</p> <ul style="list-style-type: none"> • Ability to promote ICT projects that contribute to achieving the sustainable development objectives proposed by the United Nations. • Ability to design and implement ICT-based entrepreneurship projects economically viable, socially acceptable and environmentally friendly. 	

Qualification system

50 % activity during the course (presentations, assignments...deliverables...)

50 % final result (presentation, report..)

+ 30 % individual modulation index by peer assignment

Regulations for carrying out activities



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Bibliography