Universida_{de}Vigo

Cubicat Cuida 2010 / 2010

			Su	ubject Guide 2018 / 2019
IDENTIFYIN	IG DATA			
(*)Traballo	Fin de Máster			
Subject	(*)Traballo Fin de			
	Máster			
Code	007M174V01206			
Study	Máster			
programme	Universitario en Operaciones e			
	Ingeniería de			
	Sistemas Áeros no			
	Tripulados			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	9	Mandatory	1st	2nd
Teaching				
language				
Department				
Coordinator Lecturers	González Jorge, Higinio González Jorge, Higinio			
E-mail	higiniog@uvigo.es			
Web	http://aero.uvigo.es			
General	The student will carry out an engineering project in t	he field of unmann	ed aircraft syste	ms in which he/she will
description	put into practice the knowledge acquired throughout			
Competenc	ies			
Code				
	s and understand knowledge that provides a basis or c	pportunity to be o	riginal in the de	velopment and / or
	tion of ideas, often in a research context			
	udents know how to apply the knowledge acquired and			new or unfamiliar
	ments within broader (or multidisciplinary) contexts re			anto from information
	e students be able to integrate knowledge and face th being incomplete or limited, includes reflections on soc			
	nowledge and judgments		polisionicies nink	
	e students know how to communicate their conclusion	is - and the latest k	nowledge and r	easons that support
	to specialized and non-specialized audiences in a clea			
	udents have the learning abilities that allow them to c			have to be largely self-
	d and autonomous			
	udents acquire general knowledge in unmanned aircra			
	udents acquire generic knowledge in unmanned aircra			
	udents acquire the capabilities to analyze the needs o	f a company in the	field of unmanr	ed aerial systems and
	ine the best technological solution for the same			
	e students acquire the knowledge to develop unmann		or to plan specif	ic operations, depending
	existing needs and to apply the existing technological udents know and be able to apply the principles and m		soarch such as	hibliographical
	es, data collection and analysis and interpretation ther			
	and rigorous way	col, us well us the	presentation of	conclusions, in a cicar,
	dge of the main systems, the on board instruments ar	d the control station	on of a non-man	ned aircraft, as well as
	ence on security	-	-	
	dge of the geomatic, photogrammetrical and cartogra	phic principles of p	avigation, aero	riangulation
	etation and digital processing of images, as well as the	good practices ex		
aerial s	etation and digital processing of images, as well as the ystems and know how to apply the regulations in force y of interacting with technical teams in planning with	e good practices ex	isting in the ope	

- C4 Capacity to develop a technical project in the field of engineering and operations with unmanned aerial systems
- D1 Capacity to understand the meaning and application of the gender perspective in the different fields of knowledge and professional practice with the aim of achieving a more just and egalitarian society
- D2 Ability to communicate orally and in writing in Galician
- D3 Sustainability and environmental commitment. Equitable, responsible and efficient use of resources

- D4 Development of the innovative and entrepreneurial spiritD5 Ability to interpersonal relationshipsD6 Ability to work as a team

- Capacity for organization and planning D7
- Ability of analysis and synthesis D8
- D9 Capacity for critical reasoning and creativity D10 Guidance to quality and continuous improvement

Loorning outcomo								
Learning outcomes Expected results from this subject Training and Le							Learning	
Expected results from this subject				Training and Learning Results				
Be able to develop a	technical project in	the field of unmanned aircra	ft systems engineering.	A1 A2 A3 A4 A5	B1 B2 B3 B4 B5	C1 C2 C3 C4	D1 D2 D3 D4 D5 D6 D7 D8 D9 D10	
Be able to develop a	technical project in	the field of operation with ur	imanned aircraft systems.	A1 A2 A3 A4 A5	B1 B2 B3 B4 B5	C1 C2 C3 C4	D1 D2 D3 D4 D5 D6 D7 D8 D9 D10	
Contents								
Topic								
Project in the field of engineering.								
Project in the field of operations.	unmanned aircraft s	systems						
Planning								
nanning	Class hours Hours outside the				Total hours			
		0.200	classroom					
Supervised work		0	215	21	.5			
Essay		1	9	10				
*The information in tl	e information in the planning table is for guidance only and does not take into account the heterogeneity of the stude						students.	
Mathadalauiaa								
Methodologies	Description							
Supervised work	Description							
Supervised work								
Personalized atten	tion							
Methodologies		Description						
Supervised work		Face-to-face tutoring and e	mail attention					
Assessment								
	Description	Qualification	Training an	d Lear	ning F	Results	5	

Supervised work	Project report. Oral presentation.	100	A1 A2 A3 A4 A5	B1 B2 B3 B4 B5	C1 C2 C3 C4	D1 D2 D3 D4 D5 D6 D7 D8 D9 D10	
Other comments o	n the Evaluation						

Sources of information **Basic Bibliography** Complementary Bibliography

Recommendations

Subjects that are recommended to be taken simultaneously (*)Prácticas externas/007M174V01205