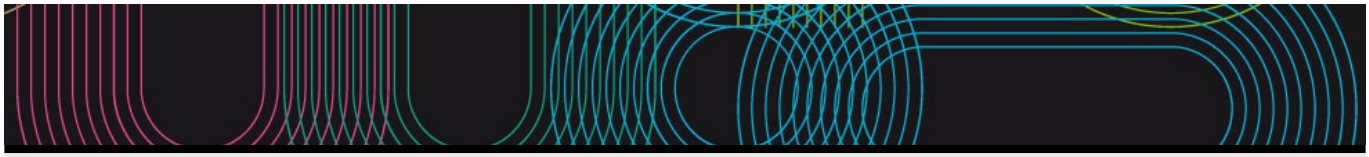
Universidade Vigo

Subject Guide 2013 / 2014



IDENTIFYING DATA				
(*)Electrotecnia e electrificación rural				
Subject	(*)Electrotecnia e electrificación rural			
Code	P03G370V01304			
Study programme	(*)Grao en Enxeñaría Forestal			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Mandatory	2nd	1st
Teaching language	Spanish Galician English			
Department				
Coordinator	Moldes Eiroa, Ángel			
Lecturers	Moldes Eiroa, Ángel			
E-mail	angelmoldes@uvigo.es			
Web				
General description				

Competencies	
Code	
A32	(*)Coñecementos das seguintes materias necesarios tanto para a xestión dos sistemas forestais como para a súa conservación:
A35	(*)CG-28: electrificación.

Learning aims		
Expected results from this subject		Training and Learning Results
(*)		A32 A35

Contents	
Topic	
(*)INTRODUCTION And AXIOMS	(*)
(*)CIRCUITS OF CURRENT *CONTÍNUA	(*)
(*)CIRCUITS OF CURRENT ALTERNATES	(*)
(*)SYSTEMS *TRIFÁSICOS BALANCED	(*)
(*)OPERATION OF THE NATIONAL ELECTRICAL SYSTEM	(*)
(*)ELEMENTS OF An ELECTRICAL SYSTEM	(*)
(*)CALCULATION OF ELECTRICAL INSTALLATIONS	(*)
(*)REGULATION *ELECTROTÉCNICO FOR LOW TENSION	(*)

Planning	Class hours	Hours outside the classroom	Total hours
Master Session	16	16	32
Troubleshooting and / or exercises	16	48	64
Laboratory practises	16	0	16
Practice in computer rooms	12	18	30
Troubleshooting and / or exercises	3	0	3
Short answer tests	1	0	1

Jobs and projects	4	0	4

*The information in the planning table is for guidance only and does not take into account the heterogeneity of the students.

Methodologies

	Description
Master Session	EXHIBITION BY PART OF The PROFESSOR OF The THEORETICAL BASES OF The ASIGN#PUT
Troubleshooting and / or exercises	FORMULATION And RESOLUTION OF PROBLEMS RELACCIONED WITH The ASIGN#PUT
Laboratory practises	ACTIVITIES OF APPLICATION OF KNOWLEDGES IN SPACES WITH SPECIALIZED EQUIPMENT
Practice in computer rooms	ACTIVITIES OF APPLICATION OF KNOWLEDGES IN CLASSROOM OF COMPUTING

Personalized attention

Methodologies	Description
Master Session	RESOLUTION OF SMALL QUESTIONS IN The CLASSROOM OR BIG QUESTIONS IN SCHEDULE OF TUTORWENT.
Troubleshooting and / or exercises	RESOLUTION OF SMALL QUESTIONS IN The CLASSROOM OR BIG QUESTIONS IN SCHEDULE OF TUTORWENT.
Practice in computer rooms	RESOLUTION OF SMALL QUESTIONS IN The CLASSROOM OR BIG QUESTIONS IN SCHEDULE OF TUTORWENT.
Laboratory practises	RESOLUTION OF SMALL QUESTIONS IN The CLASSROOM OR BIG QUESTIONS IN SCHEDULE OF TUTORWENT.

Assessment

	Description	Qualification
Laboratory practises	EVALUPLOUGHED BY MEANS OF IT DELIVERS OF A MEMORY WITH The RESULTED NUMERICAL OBTENGONE IN The PRACTICAL	10
Troubleshooting and / or exercises	EVALUPLOUGHED BY MEANS OF The FORMULATION OF PROBLEMS THAT The STUDENT WILL OWE to ANSWER OF FORM WRITTEN	40
Short answer tests	EVALUPLOUGHED BY MEANS OF The FORMULATION OF QUESTIONS THAT The STUDENT WILL OWE to ANSWER OF FORM WRITTEN	20
Jobs and projects	EVALUPLOUGHED The QUALITY OF ONE PROJECT OF ELECTRIC INSTALLATION CALCULATED POLE STUDENT	30

Other comments on the Evaluation

Sources of information

PARRA, PEREZ, PASTOR, ORTEGA, **TEORÍA DE CIRCUITOS**,

GONZÁLEZ, GARRIDO, CIDRÁS, **EJERCICIOS RESUELTOS DE CIRCUITOS ELÉCTRICOS**,

SPITTA, **INSTALACIONES ELÉCTRICAS**,

MINISTERIO CIENCIA Y TECNOLOGÍA, **R.D. 842/2002 REGLAMENTO ELECTROTÉCNICO PARA BAJA TENSIÓN**,

Recommendations

Subjects that it is recommended to have taken before

(*)Física: Física I/P03G370V01102

(*)Física: Física II/P03G370V01202

(*)Matemáticas: Ampliación de matemáticas/P03G370V01203

(*)Matemáticas: Matemáticas e informática/P03G370V01103