



Teaching Guide

Identifying Data					2024/25
Subject (*)	ICT Management Standards		Code	614G01046	
Study programme	Grao en Enxeñaría Informática				
Descriptors					
Cycle	Period	Year	Type	Credits	
Graduate	2nd four-month period	Third	Optional	6	
Language	SpanishEnglish				
Teaching method	Face-to-face				
Prerequisites					
Department	Enxeñaría de Computadores				
Coordinador	Enes Álvarez, Jonatan	E-mail	jonatan.enes@udc.es		
Lecturers	Enes Álvarez, Jonatan	E-mail	jonatan.enes@udc.es		
Web					
General description	Introduction to IT Service Management (ITSM) within an organization/company, with a special focus will be put on ITIL recommendations. When it comes to lab sessions, several services will be deployed and managed that could be of interest for medium and small companies.				

Study programme competences / results

Code	Study programme competences / results
A52	Capacidade para comprender o contorno dunha organización e as súas necesidades no ámbito das tecnoloxías da información e as comunicacións.
A53	Capacidade para seleccionar, deseñar, despregar, integrar, avaliar, construír, xestionar, explotar e manter as tecnoloxías de hardware, software e redes dentro dos parámetros de custo e calidade adecuados.
A56	Capacidade para seleccionar, despregar, integrar e xestionar sistemas de información que satisfagan as necesidades da organización, cos criterios de custo e calidade identificados.
A58	Capacidade para comprender, aplicar e xestionar a garantía e seguranza dos sistemas informáticos.
B1	Capacidade de resolución de problemas
B2	Traballo en equipo
B3	Capacidade de análise e síntese
B7	Preocupación pola calidade
B9	Capacidade para xerar novas ideas (creatividade)
C1	Expresarse correctamente, tanto de forma oral coma escrita, nas linguas oficiais da comunidade autónoma.
C6	Valorar criticamente o coñecemento, a tecnoloxía e a información dispoñible para resolver os problemas cos que deben enfrontarse.

Learning outcomes

Learning outcomes	Study programme competences / results		
Understand the complexity of service management	A52 A53 A56 A58	B1 B7 B9	
Capacity to design, deploy and manage an IT Service	A53 A56 A58	B1 B2 B3 B9	C1
Understand the context of an organization and its IT necessities	A58	B1 B3 B9	C1



Contents	
Topic	Sub-topic
Chapter 1 - Introduction	<ul style="list-style-type: none"> * IT, services and service management * IT Service Quality Management: ITIL * Anatomy of a Service * ITIL basic concepts * ITIL Lifecycle
Chapter 2 - Service Strategy	<ul style="list-style-type: none"> * Introduction * Purpose and objectives * Processes <ul style="list-style-type: none"> ---- Strategy Management for IT Services ---- Service Portfolio Management ---- Financial Management for IT Services ---- Business Relationship Management ---- Demand Management
Chapter 3 - Service Design	<ul style="list-style-type: none"> * Introduction * Purpose and objectives * Processes <ul style="list-style-type: none"> ---- Design Coordination ---- Service Level Management ---- Service Catalog Management ---- Supplier Management ---- Availability Management ---- Capacity Management ---- Continuity Management ---- Information Security Management
Chapter 4 - Service Transition	<ul style="list-style-type: none"> * Introduction * Purpose and objectives * Processes <ul style="list-style-type: none"> ---- Transition planning and support ---- Change management ---- Service asset and configuration management ---- Release and deployment management ---- Knowledge management
Chapter 5 - Service Operation	<ul style="list-style-type: none"> * Introduction * Purpose and objectives * Processes <ul style="list-style-type: none"> ---- Event management ---- Incident management ---- Problem management ---- Request fulfilment ---- Access management
Chapter 6 - Continual Service Improvement	<ul style="list-style-type: none"> * Introduction * Purpose and objectives * Situation assessment * Measuring the progress

Planning



Methodologies / tests	Competencies / Results	Teaching hours (in-person & virtual)	Student?s personal work hours	Total hours
Guest lecture / keynote speech	A52 A58 B7 C6	20	54	74
Laboratory practice	A53 A56 B1 B2 B3 B9	20	54	74
Objective test	A52 A58 B1 B3 B7 C1 C6	2	0	2
Personalized attention		0		0

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

Methodologies	
Methodologies	Description
Guest lecture / keynote speech	Lessons explaining the theoretical contents
Laboratory practice	Practice lessons focusing on key concepts from IT service management. The lessons will be carried out using work groups.
Objective test	Written examen that can contain either free-answer questions, or test based ones.

Personalized attention	
Methodologies	Description
Guest lecture / keynote speech	Students will have personalized attention in all the stages of learning, both practical and theoretical.

Assessment			
Methodologies	Competencies / Results	Description	Qualification
Laboratory practice	A53 A56 B1 B2 B3 B9	All the submitted practices will be assessed by the teacher and graded for a fraction of the maximum qualification each.	50
Objective test	A52 A58 B1 B3 B7 C1 C6	Assessment of the theoretical contents.	50

Assessment comments
To pass the subject, 2 minimum requirements are needed:50% of the maximum lab qualification (2.5 points out of 5)50% of the maximum objective tests qualification (2.5 points out of 5) Lab practices are NON-REPEATABLE for the second chance.The objective tests are FULLY REPEATABLE.Any issue regarding the dispensation for non-attendance at classes, part-time study or fraud will be solved according to the related and current UDC regulations.In order to comply with the current legislation in regard to gender equality, 2 measures will be taken:Parity groups are to be formed, as much as possibleAll the quizzes for the final test will be corrected using a blind method in order to assure the student's anonymity.

Sources of information	
Basic	<ul style="list-style-type: none"> - Office of Government Commerce (2012). Passing your ITIL Foundation exam. The Stationery Office - Brady Orand (2011). Foundations of IT Service management with ITIL 2011. CreateSpace - Peter Farenden (2011). ITIL for dummies. Oxford : John Wiley & Sons
Complementary	<ul style="list-style-type: none"> - Cabinet Office (2011). ITIL Service Strategy. TSO (The Stationery Office) - Cabinet Office (2011). ITIL Service Design. TSO (The Stationery Office) - Cabinet Office (2011). ITIL Service Transition. TSO (The Stationery Office) - Cabinet Office (2011). ITIL Service Operation. TSO (The Stationery Office) - Cabinet Office (2011). ITIL Continual Service Improvement. TSO (The Stationery Office)

Recommendations
Subjects that it is recommended to have taken before



Project Management/614G01021

Computer Security and Legislation/614G01024

Subjects that are recommended to be taken simultaneously

Information Systems Standards/614G01044

Quality Assurance/614G01223

Subjects that continue the syllabus

Other comments

(*)The teaching guide is the document in which the URV publishes the information about all its courses. It is a public document and cannot be modified. Only in exceptional cases can it be revised by the competent agent or duly revised so that it is in line with current legislation.