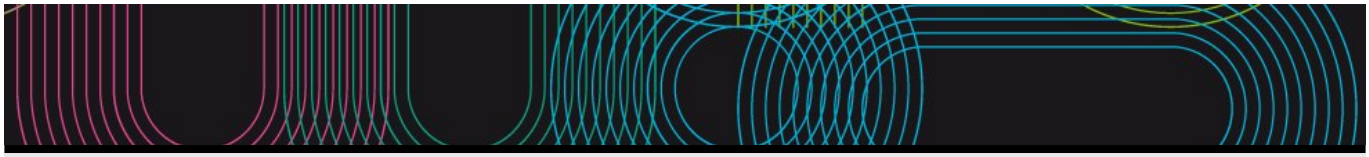
Universidade Vigo

Subject Guide 2017 / 2018



IDENTIFYING DATA				
ICTs in International Trade				
Subject	ICTs in International Trade			
Code	V06M101V01105			
Study programme	University Master?s Degree in International Trade			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	4.5	Mandatory	1st	1st
Teaching language	Spanish			
Department				
Coordinator	García Rosello, Emilio			
Lecturers	García Rosello, Emilio González Dacosta, Jacinto			
E-mail	erosello@uvigo.es			
Web	http://faitic.uvigo.es/			
General description				

Competencies	
Code	
C9	(*)Conocimiento aplicado de las herramientas informáticas necesarias en el comercio internacional
D16	(*)Conocimiento de las distintas aplicaciones informáticas, diseño y construcción de páginas web, y de las técnicas adecuadas para el comercio electrónico
D17	(*)Obtención de información en Internet
D18	(*)Análisis crítico de hardware y software, elección de arquitecturas, sistemas, equipos y programas

Learning outcomes	
Expected results from this subject	Training and Learning Results
Applied knowledge of the most relevant aspects of information and communication technologies that are useful in the professional activity in the international trade environment. Ability to organize information in contexts of low complexity. Usage and assesment of sources of information on the Web. Knowledge of the basics of the Web and usage of online tools for site design. Usage and assesment of solutions based on cloud computing and SaaS useful in commercial activity.	C9 D16 D17 D18

Contents	
Topic	
1. Introduction to computer tools in international trade.	Computer tools and their usefulness in international trade. Types and functions of ICT-based tools.
2. Analysis and processing of data.	Advanced use of spreadsheets. Introduction to databases. Tools of presentation of the information.
3. Basics of Internet.	Technical aspects. Email. The Web. Searching for information on the Internet. Sources. Quality of information.
4. Online tools. Cloud computing. SaaS (Software as a Service).	Online tools for data processing and document creation. Tools to support workgroup in virtual environments. Online tools for management and commerce.
5. Information security. Tools and techniques for protection of computer systems.	Introduction to the security of ICT systems. Basic techniques and tools.

Planning

	Class hours	Hours outside the classroom	Total hours
Case studies / analysis of situations	10	22.6	32.6
Troubleshooting and / or exercises	18	37.8	55.8
Master Session	7	14	21
Other	1	2.1	3.1

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

Methodologies

	Description
Case studies / analysis of situations	Analysis of a real or fictitious (but realistic) fact, problem or situation with the purpose of knowing, interpreting, solving and / or generating hypotheses, contrasting data, reflecting, completing knowledge, debating, diagnosing and / or training in alternative solution procedures . Individual or group activity.
Troubleshooting and / or exercises	Performing individual or group work, raised during the face-to-face hours. They may require the student to document, reflect, and / or solve problems.
Master Session	Teacher presentation of contents on the subject matter of study, theoretical bases and / or guidelines of a work, exercise or project to be developed by the student.

Personalized attention

Methodologies	**Description**
Case studies / analysis of situations	The student will have a continuous follow-up and personalized attention, through classes of problem solving, case studies and debate, and regular control of the work done.
Troubleshooting and / or exercises	The student will have a continuous follow-up and personalized attention, through classes of problem solving, case studies and debate, and regular control of the work done.
Tests	**Description**
Other	The student will have a continuous follow-up and personalized attention, through classes of problem solving, case studies and debate, and regular control of the work done.

Assessment

	Description	Qualification	Training and Learning Results
Case studies / analysis of situations	The work developed by the students, individually or in groups, will be evaluated in the activities of study, analysis and debate of cases, situations and problems.	30	C9 D16 D17 D18
Troubleshooting and / or exercises	The students' work will be evaluated, individually or in groups, in the activities of carrying out work, problem solving, documentation and analysis. You can also evaluate the presentations of the work done in class.	60	C9 D16 D17 D18
Other	Written test where problems must be solved, answer questions of development, and / or brief and / or type test. They will cover all the contents of matter.	10	C9 D16 D17 D18

Other comments on the Evaluation

The above assessment is valid for students who follow continuous assessment. The conditions to be evaluated by continuous assessment are:

- For students in face-to-face mode: they must attend a minimum of 75% of the classroom hours.
- For online students: they must use the e-learning platform sufficiently assiduously (typically at least every 2 days) to be aware of the progress of the subject, as well as the appropriate and regular participation in online activities.

Those who do not meet these requirements will be considered not to follow the continuous assessment modality. Therefore they will be assessed by final exam (see below).

Alternatively, a student who, despite complying with these conditions, does not want to be evaluated by continuous assessment may explicitly renounce in writing to the professor, before the 3rd week of teaching. Or, if during the course, he / she will documentary and sufficiently proof of an incidental cause that objectively prevents him from following the continuous assessment. Otherwise, any student who fulfills the described conditions will be assessed by continuous assessment.

In general, for the face-to-face or virtual students, evaluated by continuous assessment, who have fulfilled all the indicated requirements to eventually pass the subject by this way, the final grade N of the student will be obtained as:

N = 0.9 * A + 0.1 * B

Being:

- A the result of the weighted average (depending on the estimated workload) of the grades obtained in each activity or evaluable item of the sections of case studies and problem solving and / or exercises.
- And B the note obtained in the section of Other (written test)

Both A and B will score between 0 and 10.

It shall be understood that the student passed if the final mark N is greater than or equal to 5 over 10.

It is also an essential requirement to be able to pass by continuous assessment to perform and deliver, within the deadlines set for each modality, all activities or items evaluable in part A (case study and problem solving and / or exercises) and obtain a score equal to or greater than 4 out of 10 in each and every one of them (generally each module of the subject will consist of one or more evaluable items). Otherwise the subject will be automatically considered as not passed. There may be compulsory delivery activities but that will only be assessed as pass/ not pass, in which case it will be required to be delivered and evaluated as pass, but will not be considered for the calculation of the above-mentioned average A.

For students who follow the continuous assessment but who have not met some of the essential requirements described above to pass the subject in its corresponding modality (delivery of all activities or items evaluable within the deadlines, obtaining the minimum grade in all activities or evaluable items, having a final grade> = 5), the final grade N can never exceed 4.9 out of 10. Therefore, it will be calculated as:

N=minimum(0,9*A+0,1*B ; 4,9)

That is, as indicated in the formula, the final grade N will be the minimum of the values of (0.9 * A + 0.1 * B) and 4.9.

Students who do not follow the continuous assessment modality, as well as those who submit to the July summons or other extraordinary convocations that may be established, must be submitted to the face-to-face examination to be held in the center, on the date established for the official convocations of the subject, to eventually pass the subject, and obtain a grade greater or equal to 5 out of 10.

IN CASE OF DOUBT,DISCREPANCY, ERROR OF TRANSLATION, INCOMPLETITUDE, INTERPRETATION, OR SIMILAR, THE CONTENT SPEFICIED IN THE SPANISH VERSION OF THIS GUIDE WILL PREVAIL.

Sources of information

Basic Bibliography

Fingar, Peter, **Dot-cloud : the 21st century business platform built on cloud computing**, 1, Meghan-Kiffer Press, 2009

Rigollet, Pierre, **Análisis eficaz de datos con tablas dinámicas**, 1, Ediciones ENI, 2017

García,E; González, J., **Introdución ás bases de datos : un enfoque teórico-práctico**, 1, Servizo de Publicacións da Universidade de Vigo, 2012

Ministerio de Educación | Instituto de Tecnologías Educativas, **Internet, Aula Abierta 2.0**,

Dion Hinchcliffe, **Eight ways that cloud computing will change business**,

Rachael King, **How Cloud Computing Is Changing the World**,

Anetcom, **Garantías de navegación segura: análisis de los sellos y códigos de confianza en comercio electrónico**,

Anahi Ornelas Ley * / Maricela López Ornelas, **Calidad de la información en internet**,

Johns Hopkins University, **EVALUATING INFORMATION**,

INTECO-CERT, **RIESGOS Y AMENAZAS EN CLOUD COMPUTING**,

AGENCIA ESPAÑOLA DE PROTECCIÓN DE DATOS, **GUÍA PARA CLIENTES QUE CONTRATEN SERVICIOS DE CLOUD COMPUTING**,

Carmen Cuesta, Javier Alonso, David Tuesta, Santiago Fernández de Lis, **El desarrollo de la industria del cloud computing: impactos y transformaciones en marcha**,

ENI, **Microsoft® Excel 2016**, 1, ENI, 2016

AIMC, **Navegantes en la Red - Encuesta AIMC a usuarios de Internet**,

EFEEMPRENDE, **Amazon Web Services, la empresa que consigue que los negocios crezcan**,

Carmen Cuesta, Javier Alonso, David Tuesta, Santiago Fernández de Lis, **El desarrollo de la industria del cloud computing: impactos y transformaciones en marcha**, BBVA Research,

Databarracks, **Changes to computer thinking**,

Inés Ramírez Nicolás, **¿QUÉ APORTA EL COMERCIO ELECTRÓNICO EN LA NUBE?**, eMarket Services Spain,

Complementary Bibliography

Recommendations
Subjects that continue the syllabus
New ICTs in E-commerce/V06M101V01205