



IDENTIFYING DATA

Electronic commerce: Computing Elements

Subject	Electronic commerce: Computing Elements			
Code	V06G270V01806			
Study programme	Grado en Comercio			
Descriptors	ECTS Credits	Choose	Year	Quadmester
	6	Optional	4th	2nd
Teaching language	Spanish			
Department				
Coordinator	González Dacosta, Jacinto			
Lecturers	García Rosello, Emilio González Dacosta, Jacinto			
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General description	Basic concepts of the e-commerce and his types. Websites and his technologies. Tools to value places of e-commerce. Security of the information and of the transactions in the e-commerce. Computer appearances of the legislation on the e-commerce			

Skills

Code	
A2	Students will be able to apply their knowledge and skills in their professional practice or vocation and they will show they have the required expertise through the construction and discussion of arguments and the resolution of problems within the relevant area of study.
A3	Students will be able to gather and interpret relevant data (normally within their field of study) that will allow them to have a reflection-based considered opinion on important issues of social, scientific and ethical nature.
A4	Students will be able to present information, ideas, problems and solutions both to specialist and non-specialist audiences.
A5	Students will acquire the learning skills that are required to pursue further studies with a high degree of independence.
B1	CG1. To acquire knowledge of management, instrumental techniques and the most advanced, innovative elements in the study of commercial activity with the purpose of using them in commerce.
B2	CG2. To apply the knowledge acquired in professional practice in the future, developing the conceptual and operative abilities of future business managers in the context of a dynamic global economy undergoing a continuous process of change and innovation.
B3	CG3. To compile, process and interpret social, economic and legal data that will allow one to give an informed opinion on relevant issues in the commercial field.
B4	CG4. To be able to communicate effectively, clearly, concisely and accurately both within the organization and with external agents in national and international contexts.
B5	CG5. To acquire skills for leadership, independent learning, teamwork, motivation and flexibility, as well as for responsible and ethical behavior in order to deal appropriately with all the agents working in the organization and in the professional sphere.
B6	CG6. To be familiar with different economic, legal, social and cultural situations and to acquire a global, multicultural perspective with the aim of guiding the strategies and operations targeting both national and international markets.
C24	CE24. To use the computer tools and the statistics, accounting, financial and marketing concepts and techniques for the production and interpretation of reports and for comprehensive planning and management: functions of the supply chain and delivery to the customer, commercial risk management, financial and accounting management, among others, through use of tools like web technologies, database management, electronic transmission of data, electronic commerce, CRM and integrated systems.
C26	CE26. To be able to use the personal skills, attitudes and knowledge acquired in the academic context through simulation of real situations of professional practice and through contact with the business world by means of the experience acquired with internships.

D1	CT1. Oral and written communication skills both in the official languages of the respective Autonomous Communities and in the chosen foreign language (English, French or German).
D2	CT2. Internet communication skills and use of multimedia tools.
D3	CT3. Ability to learn and work independently, and work planning and organization skills.
D4	CT4. Analysis, synthesis and critical-thinking skills.
D5	CT5. Ability to apply the theoretical and practical knowledge acquired in the academic context, in particular to apply multidisciplinary knowledge and thinking.
D6	CT6. Ability to make decisions and solve problems.
D7	CT7. Ability to listen actively and skills for non-verbal communication, persuasion, negotiation and presentation.
D9	CT9. Tolerance. Ability to appreciate different points of view.
D11	CT11. Ability to adapt to new situations.
D12	CT12. Creativity.
D13	CT13. Ability to take on responsibilities and get fully involved at work.
D15	CT15. Commitment to professional ethics.
D16	CT16. Entrepreneurship.
D17	CT17. Attention to detail, precision, striving for continuous improvement.
D18	CT18. Ability to reflect on one's own performance.

Learning outcomes

Expected results from this subject		Training and Learning Results		
(*)	A2	B1	C24	D1
	A3	B2	C26	D2
	A4	B3		D3
	A5	B4		D4
		B5		D5
		B6		D6
				D7
				D9
				D11
				D12
				D13
				D15
				D16
				D17
				D18
(*)	A2	B1	C24	D1
	A3	B2	C26	D2
	A4	B3		D3
	A5	B4		D4
		B5		D5
		B6		D6
				D7
				D9
				D11
				D12
				D13
				D15
				D16
				D17
				D18

Contents

Topic	
1. Introduction e-commerce	1.1 Introduction
2. Technological infrastructure of e-commerce	2.1. Internet and world wide web
	2.2. Creation of an e-commerce website
	2.3. Online security and payment systems
	2.4. E-commerce and social networks
3. Business concepts	3.1. Business intelligence
	3.2. Marketing communications in e-commerce
	3.3. e-Marketplaces
	3.4 Legal issues in e-commerce

Planning

Class hours	Hours outside the classroom	Total hours
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Introductory activities	1	0	1
Presentation	12	25	37
Practices through ICT	20	37	57
Project	12	43	55

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

Methodologies	
	Description
Introductory activities	Assessment of the previous knowledges of the student and explanation of the methodology to be followed along the course.
Presentation	In these sessions will expose the different necessary subjects for the knowledge of the matter.
Practices through ICT	Exercises proposed by the professor that the students will resolve with the help of the computer in the classroom of computing. They will be individual works and in group.

Personalized assistance	
Methodologies	Description
Practices through ICT	They are varied the strategies that put to disposal of the student to follow successfully the personalised development of the subject. During the realisation of the exercises, the student will be able to compare if his work is correct through comparative models. In group tutorials the student can go checking the evolution in the learning by means of feedback in the process, participating in the evaluation of the work realised. The student will also have self-assessment tests, in order to systematically reflect on the work done, the advances on the learned and the practical functionality of the contents taught. In any teaching circumstance (classroom, online or mixed), the tutoring sessions may be carried out by telematic means (email, videoconference, FAITIC forums, Virtual Office Remote Campus, ...) under the arrangement of prior appointment. As far as possible, these requests for tutoring will be attended in person within a maximum period of 3 business days.
Tests	Description
Project	They are varied the strategies that put to disposal of the student to follow successfully the personalised development of the subject. During the realisation of the exercises, the student will be able to compare if his work is correct through comparative models. In group tutorials the student can go checking the evolution in the learning by means of feedback in the process, participating in the evaluation of the work realised. The student will also have self-assessment tests, in order to systematically reflect on the work done, the advances on the learned and the practical functionality of the contents taught. In any teaching circumstance (classroom, online or mixed), the tutoring sessions may be carried out by telematic means (email, videoconference, FAITIC forums, Virtual Office Remote Campus, ...) under the arrangement of prior appointment. As far as possible, these requests for tutoring will be attended in person within a maximum period of 3 business days.

Assessment				
Description		Qualification	Training and Learning Results	
Presentation	In this section described the works of theory realised by the students that will deliver in the terms fixed by means of the platforms that indicate along the course. Said works will be formed by a part in digital support (layout, development, etc) and another part of presentation by means of applications cloud.	35	A2	C24 D1
			A3	C26 D2
			A4	D3
			A5	D4
				D5
				D6
				D7
				D9
				D11
				D12
				D13
				D15
				D16
				D17
				D18

Project	In this section, the realization of a project that encompasses the knowledge acquired in the subject is valued.	65	B1	C24	D1
			B2	C26	D2
			B3		D3
			B4		D4
			B5		D5
			B6		D6
					D7
					D9
					D11
					D12
					D13
					D15
					D16
					D17
					D18

Other comments on the Evaluation

Remembers to all the student the prohibition of the use of mobile devices or portable computers in exercises, practical and proofs, in fulfillment of the article 13.2.d) of the Statute of the University Student, relative to the duties of the student university, that establishes the duty of "abstain of the utilisation or cooperation in fraudulent procedures in the proofs of evaluation, in the works that realise or in official documents of the University".

Evaluation The student will be able to choose the system of evaluation that wishes was him applied in the matter. For this has to opt by the continuous evaluation (by defect) or a final exam only previous renunciation to the continuous evaluation.* **Continuous evaluation** To surpass this evaluation is necessary that the student obtain a minimum punctuation of 50% of the total of the matter and besides that in the sections: "Presentation" and "Project" it is necessary to obtain a minimum punctuation of 30% of the maximum punctuation of said proof. * **Only final examination** To surpass this evaluation it is necessary that the student obtain a minimum punctuation of 50% of the total of the subject and obtain a minimum punctuation of 30% of the maximum punctuation of said proof. This exam will consist of two parts:

- Test of short answers (40%) on the theory part
- Presentation of a project made upon request and assignment by the teacher (60%)

Will realise an examination in the date fixed by the centre when finalising the quarter and another in the month of July whose punctuations will be of 100% of the matter, except those students that have opted by the continuous evaluation that only will assist with the part that have not reached the minimum. **Participation in complementary activities** Provided that the student has passed the subject according to the criteria described above, will be added to the grade that has obtained a maximum of 1 point for participation in certain external activities that eventually take place during the semester in which the subject is taught, and that the teachers of this subject consider of interest. It may be activities organized by the center, the university, or other entities, such as visits to companies, talks, round tables, conferences, workshops, seminars or similar. For this, the subject teachers will communicate previously to the students by the usual means (in classroom hours or by Fatic) those activities in which the participation will mean an increase of the grade. The participation in each activity will be rewarded with 0.25 points, and up to a maximum of 1 point; in any case the final grade of the subject can not exceed the maximum of 10. The students must provide a document accrediting their participation in each activity that they want to be counted in the periods indicated by the person who coordinates the subject. In the case of activities organized by the center, it will be responsible for collecting this information and transfer it to the faculty.

Sources of information

Basic Bibliography

Complementary Bibliography

Adigital, **Libro blanco del comercio electrónico**, 2013,
 Agencia Española de Protección de datos, **Guías y herramientas**, 2018,
 Tanenbaum, Andrew, **Redes de computadores**, 2003,
 Silberschatz, A, **Fundamentos de bases de datos**, 2011,
 Ramez Elmansri; Shamkant B. Navathe, **Fundamentos de Sistemas de Bases de Datos**, 2008,
 Laudon, Kenneth, **E-Commerce 2015: Business, Technology, Society**, 2014,
 Ordóñez, Jordi, **Blog de Jordiob**,
 Prestashop, **Blog de E-commerce**,
 Laudon, Kenneth, **E-commerce 2013: Negocios, tecnología y sociedad**, 2014,
 Chaffey, Dave, **Marketing Digital. Estrategia, Implementación y práctica**, 2014,
 Varios, **Transformación Digital**, 2016, The Valley Business School, 2016

Recommendations

Subjects that it is recommended to have taken before

IT applied to commercial management/V06G270V01307

Other comments

Those students that can not assist to class by reasons of work or have dispenses of assistance, will have to put in contact with the professors to principle of course to end to arbitrate the necessary measures so that they can realise continuous evaluation.

1.- Like support to the teaching, will use platforms of virtual learning (MOOVI)

2.- It is convenient that the student activate the account of email that provides him the University of Vigo.

3.- Also for the follow-up of the matter, is indispensable to have an Gmail/Microsoft account

Contingency plan**Description****=== EXCEPTIONAL PLANNING ===**

Given the uncertain and unpredictable evolution of the health alert caused by COVID-19, the University of Vigo establishes an extraordinary planning that will be activated when the administrations and the institution itself determine it, considering safety, health and responsibility criteria both in distance and blended learning. These already planned measures guarantee, at the required time, the development of teaching in a more agile and effective way, as it is known in advance (or well in advance) by the students and teachers through the standardized tool.

=== ADAPTATION OF THE METHODOLOGIES ===

The proposed methodologies will be maintained, making use of teaching environments and online work for the development of teaching and to allow group work by students.

Attention to students (tutoring) will follow the guidelines set out in "Step 6" of this guide.

=== ADAPTATION OF THE TESTS ===

The evaluation will continue to maintain the scores established in the guide and use will be made of the FAITIC platform and the remote Campus for the delivery of the activities and their presentations.