

COMPUTER SCIENCE APPLIED TO TOURISM

23517 - COMPUTER SCIENCE APPLIED TO TOURISM (2024-25)

General

Code: 23517

Lecturer responsible:

ROMERO JAEN, RAFAEL

Credits ECTS:

6,00

Theoretical credits:

0,00

Practical credits:

2,40

Distance-base hours:

3,60

Departments involved

- **Dept:** LANGUAGES AND COMPUTING SYSTEMS

Area: LANGUAGES AND COMPUTING SYSTEMS

Theoretical credits: 0

Practical credits: 2,4

This Dept. is responsible for the course.

This Dept. is responsible for the final mark record.

Study programmes where this course is taught

- [DEGREE IN TOURISM](#)
Course type: CORE (Year: 1)
- [DOUBLE DEGREE IN TOURISM AND BUSINESS ADMINISTRATION AND MANAGEMENT](#)
Course type: CORE (Year: 2)

Competencies and objectives

Course context for academic year 2024-25

Computer Science Applied to Tourism presents the student new Information and Communication Technologies (ICT) technologies applied to the tourism sector. The course covers the principles and basic concepts, as well as the application, design, use, and development of these technologies. Computer Science Applied to Tourism has eminently a practical orientation, where classes are computer-based practical sessions. This subject is directly related with the optional subject in the fourth year, New Technologies for the Management of Enterprises and Touristic Destinations. Nevertheless, given its technological base, this subject can act as a support for all the other degree subjects.

Course content (verified by ANECA in official undergraduate and Master's degrees) for academic year {0}

General Competences acquired at University of Alicante (CGUA)

- **CGUA2** : Ser capaç d'utilitzar com a usuari eines bàsiques en TIC.

Specific Competences (CE)

- **CE24** : Analitzar i utilitzar les tecnologies de la informació i les comunicacions (TIC) en els diferents àmbits del sector turístic.

Exclusive skill taught in this course

No data

Learning outcomes (Training objectives)

No data

Specific objectives stated by the academic staff for academic year 2024-25

Be capable of using computer-based office tools

Be capable of using and querying databases for the management and planning of tourism

Be capable of using internet and related services

Be capable of evaluating the quality of touristic websites

Content and bibliography

Content for academic year 2024-25

THEMATIC BLOCK 1.- INTRODUCTION TO COMPUTING AND OFFICE COMPUTING

CHAPTER 1.- Introduction and basic principles.

CHAPTER 2.- Word processors

CHAPTER 3.- Spreadsheets

CHAPTER 4.- Presentations

THEMATIC BLOCK 2.- DATABASES

CHAPTER 5.- Introduction and basics of databases

CHAPTER 6.- Design and use of databases in tourism planning and management

THEMATIC BLOCK 3.- INTERNET AND WEB

CHAPTER 7.- Internet services and use

CHAPTER 8.- Design, promotion and quality of tourist websites.

Related links

No data

Computer systems in the hotel and catering industry

Author(s): Braham, Bruce

Issue: London : Casell, 1988;

ISBN: 978-0-304-31502-4

Category: Sin especificar

Information technology for travel and tourism

Author(s): Inkpen, Garen

Issue: London : Lonman, 1999;

ISBN: 0-582-31002-4

Category: Sin especificar

Informática aplicada al turismo

Author(s): Araque Cuenca, Francisco

Issue: Madrid : Pirámide, 2007;

ISBN: 978-84-368-1790-4

Category: Sin especificar

Informática en turismo

Author(s): De La Paz Andaluz, María ; Hernández, Ricardo

Issue: México : Trillas, 1993;

ISBN: 978-968-244-517-0

Category: Sin especificar

Informática para profesionales del Turismo

Author(s): Caso García, Estrella

Issue: Madrid : Anaya, 2000;

ISBN: 84-415-0966-2

Category: Sin especificar

Turismo y comercio electrónico : la promoción y contratación on line de servicios turísticos

Author(s): Cavanillas Múgica, Santiago

Issue: Granada : Comares, 2001;

ISBN: 84-8151-462-7

Category: Sin especificar

Usabilidad : diseño de sitios Web

Author(s): Nielsen, Jakob (1957-)

Issue: Madrid : Prentice Hall, 2000;

ISBN: 84-205-3008-5

Category: Sin especificar

Assessment

Assessment procedures and criteria 2024-25

- Assistance is mandatory. Any missing assistance to activities must be justified. Attendance and participation in the practical sessions will be valued in the evaluation of the subject. To pass the subject, it is necessary to attend at least 50% of the sessions.
- The percentage of the grade assigned to the final exam will be applied to all the official exam periods of the University of Alicante
- The grade of the continuous evaluation cannot be recovered or increased, since it is derived from exercises done in the classroom, with the possibility of working as a group under the supervision of the professor.
- If the student does not pass the minimum threshold set in the final exam in any of the exam periods, he will not be able to pass the subject, with his grade being the lowest between the calculus of the different blocks and 4.5

Description	Criteria	Type	Weighting system
Theoretical-practical exercises	On each sesión or thematic block of the subject there will be exercises that will evaluate in a continuous way the achievement of the learning objectives by the students.	ACTIVITIES OF EVALUATION DURING THE SEMESTER	50
Final exam	It will include exercises and/or problems related to the aspects that have been worked in the practical sessions. The student will need to obtain at least a minimum mark of 4 in this exam in order to pass the subject.	FINAL TEST	50

Official exam dates for academic year 2024-25

Exam session	Date	Time	Group - Classroom(s) allocated	Comments
(C3) Periodo ordinario para asignaturas de segundo semestre y anuales	28/05/2025		GROUP 11 (COMPUTER PRACTICALS)	
			GROUP 12 (COMPUTER PRACTICALS)	
			GROUP 13 (COMPUTER PRACTICALS)	
			GROUP 14 (COMPUTER PRACTICALS)	
			GROUP 99 (COMPUTER PRACTICALS)	
	28/05/2025		GROUP 21 (COMPUTER PRACTICALS)	
			GROUP 22 (COMPUTER PRACTICALS)	
			GROUP 23 (COMPUTER PRACTICALS)	
			GROUP 24 (COMPUTER PRACTICALS)	
	28/05/2025		GROUP 201 (COMPUTER PRACTICALS)	
	28/05/2025		GROUP 202 (COMPUTER PRACTICALS)	

(C4) Pruebas
extraordinarias para
asignaturas de grado y
máster

09/07/2025

GROUP 11
(COMPUTER
PRACTICALS)

GROUP 12
(COMPUTER
PRACTICALS)

GROUP 13
(COMPUTER
PRACTICALS)

GROUP 14
(COMPUTER
PRACTICALS)

GROUP 99
(COMPUTER
PRACTICALS)

09/07/2025

GROUP 21
(COMPUTER
PRACTICALS)

GROUP 22
(COMPUTER
PRACTICALS)

GROUP 23
(COMPUTER
PRACTICALS)

GROUP 24
(COMPUTER
PRACTICALS)

09/07/2025

GROUP 201
(COMPUTER
PRACTICALS)

09/07/2025

GROUP 202
(COMPUTER
PRACTICALS)

Academic staff



ROMERO JAEN, RAFAEL

Lecturer responsible

COMPUTER PRACTICALS: Groups: 11 , 12 , 13 , 99 , 14 , 201 , 202 , 21 , 22 , 23 , 24



BAEZA RIPOLL, MIGUEL ANGEL

COMPUTER PRACTICALS: Groups: 22 , 24



LAVALLE LOPEZ, ANA

COMPUTER PRACTICALS: Groups: 11



MATE MORGA, ALEJANDRO

COMPUTER PRACTICALS: Groups: 99



PERAL CORTES, JESUS

COMPUTER PRACTICALS: Groups: 13



RUIZ PIÑA, MARIA ANGELES

COMPUTER PRACTICALS: Groups: 21 , 23



VICEDO GONZALEZ, JOSE LUIS

COMPUTER PRACTICALS: Groups: 11 , 201






















Groups

COMPUTER PRACTICALS

Group	Semester	Morning or afternoon session	Language	No. of enrolled students		On registration, distribution
Gr. 11 (COMPUTER PRACTICALS) : 11	2S	Morning	Valencian	25	<ul style="list-style-type: none"> Not allowed DOUBLE DEGREE IN TOURISM AND BUSINESS ADMINISTRATION 	From ID document number A - To ID document number L
Gr. 12 (COMPUTER PRACTICALS) : 12	2S	Morning	Spanish	22	<ul style="list-style-type: none"> Not allowed DOUBLE DEGREE IN TOURISM AND BUSINESS ADMINISTRATION 	From ID document number A - To ID document number L
Gr. 13 (COMPUTER PRACTICALS) : 13	2S	Morning	Spanish	25	<ul style="list-style-type: none"> Not allowed DOUBLE DEGREE IN TOURISM AND BUSINESS ADMINISTRATION 	From ID document number M - To ID document number Z
Gr. 14 (COMPUTER PRACTICALS) : 14	2S	Morning	Spanish	23	<ul style="list-style-type: none"> Not allowed DOUBLE DEGREE IN TOURISM AND BUSINESS ADMINISTRATION 	From ID document number M - To ID document number Z
Gr. 201 (COMPUTER PRACTICALS) : 201 TADE	2S	Morning	Spanish	8	<ul style="list-style-type: none"> Not allowed DEGREE IN TOURISM 	
Gr. 202 (COMPUTER PRACTICALS) : 202 TADE	2S	Morning	Spanish	22	<ul style="list-style-type: none"> Not allowed DEGREE IN TOURISM 	
Gr. 21 (COMPUTER PRACTICALS) : 21	2S	Afternoon	Spanish	26	<ul style="list-style-type: none"> Not allowed DOUBLE DEGREE IN TOURISM AND BUSINESS ADMINISTRATION 	From ID document number A - To ID document number L
Gr. 22 (COMPUTER PRACTICALS) : 22	2S	Afternoon	Spanish	24	<ul style="list-style-type: none"> Not allowed DOUBLE DEGREE IN TOURISM AND BUSINESS ADMINISTRATION 	From ID document number A - To ID document number L
Gr. 23 (COMPUTER PRACTICALS) : 23	2S	Afternoon	Spanish	27	<ul style="list-style-type: none"> Not allowed DOUBLE DEGREE IN TOURISM AND BUSINESS ADMINISTRATION 	From ID document number M - To ID document number Z
Gr. 24 (COMPUTER PRACTICALS) : 24	2S	Afternoon	Spanish	27	<ul style="list-style-type: none"> Not allowed DOUBLE DEGREE IN TOURISM AND BUSINESS ADMINISTRATION 	From ID document number M - To ID document number Z

Group	Semester	Morning or afternoon session	Language	No. of enrolled students	On registration, distribution
Gr. 99 (COMPUTER PRACTICALS) : 99 (ARA)	2S	Morning	English	25	<ul style="list-style-type: none"> ▪ Not allowed INTERNATIONAL MOBILITY PROGRAMME ▪ Not allowed VISITING STUDENT EEES ▪ Not allowed DOUBLE DEGREE IN TOURISM AND BUSINESS ADMINISTRATION ▪ Not allowed VISITING STUDENT NO EEES

COMPUTER PRACTICALS

Group	Start date	End date	Day	Start time	End time	Lecture room
11	27/01/2025	23/05/2025	LUN	13:00	15:00	A2/E22 
11	27/01/2025	23/05/2025	JUE	09:00	11:00	A2/E22 
12	27/01/2025	23/05/2025	LUN	13:00	15:00	BG/INF2 
12	27/01/2025	23/05/2025	JUE	09:00	11:00	BG/INF2 
13	27/01/2025	23/05/2025	MIE	09:00	11:00	A2/E22 
13	27/01/2025	23/05/2025	JUE	11:00	13:00	A2/E22 
14	27/01/2025	23/05/2025	MIE	09:00	11:00	BG/INF2 
14	27/01/2025	23/05/2025	JUE	11:00	13:00	BG/INF2 
201	27/01/2025	23/05/2025	LUN	09:00	11:00	EC/INF1 
201	27/01/2025	23/05/2025	VIE	09:00	11:00	EC/INF1 
202	27/01/2025	23/05/2025	LUN	09:00	11:00	EC/INF2 
202	27/01/2025	23/05/2025	VIE	09:00	11:00	EC/INF2 
21	27/01/2025	23/05/2025	LUN	19:00	21:00	A2/E22 
21	27/01/2025	23/05/2025	JUE	19:00	21:00	IU/INF1 
22	27/01/2025	23/05/2025	LUN	19:00	21:00	BG/INF2 
22	27/01/2025	23/05/2025	JUE	19:00	21:00	BG/INF2 
23	27/01/2025	23/05/2025	LUN	15:00	17:00	A2/E22 
23	27/01/2025	23/05/2025	JUE	15:00	17:00	IU/INF1 
24	27/01/2025	23/05/2025	LUN	15:00	17:00	BG/INF2 
24	27/01/2025	23/05/2025	JUE	15:00	17:00	BG/INF2 
99	27/01/2025	23/05/2025	LUN	13:00	15:00	GB/INF2 
99	27/01/2025	23/05/2025	JUE	11:00	13:00	A1/1-62I 