UNIVERSIDAD DE CASTILLA - LA MANCHA
GUÍA DOCENTE

1. General information

Course: RECORDING AND EDITION OF AUDIOVISUAL EVENTS
Type: ELECTIVE
Degree: 385 - DEGREE IN TELECOMMUNICATI TECHNOLOGY ENGINEERING
Center: 308 - SCHOOL POLYTECHNIC OF CUENCA
Year: 4
Main language: Spanish
Use of additional languages:
Web site:

Code: 59633
ECTS credits: 6
Academic year: 2023-24
Group(s): 30
Duration: First semester
Second language:
English Friendly: Y
Bilingual: N

Lecturer: **ISABEL GONZALEZ RODRIGUEZ** - Group(s): **30**

Building/Office	Department	Phone number	Email	Office hours
E. Politécnica Cuenca/2.11	INGENIERÍA ELÉCTRICA, ELECTRÓNICA, AUTOMÁTICA Y COMUNICACIONES	926053821	isabel.gonzalez@uclm.es	Office hours will be published at "secretaria virtual"

2. Pre-Requisites

The student must have knowledge related to digital analog conversion of audiovisual signals, audio and video recording and storage formats, lighting techniques, recording and basic audio and video editing.

3. Justification in the curriculum, relation to other subjects and to the profession

Audiovisual technology is one of the professional branches of telecommunications audiovisual systems engineering.
In this subject, students practice the techniques of recording and editing different audiovisual events in a practical way.

4. Degree competences achieved in this course

Course competences

Code	Description
E21	The ability to build, use and manage telecommunications services and applications, defined as capture, analogue and digital processing, coding, transport, representation, processing, storage, reproduction, management and presentation of audiovisual services and information multimedia systems.
E22	The ability to analyse, specify, perform and maintain systems, equipment, headers and television, audio and video installations, in both fixed and mobile environments.
E23	The ability to carry out projects in premises and installations for the production and recording of audio and video signals.
E25	The ability to create, codify, manage, disseminate and distribute multimedia contents, according to usability criteria and accessibility of audiovisual, broadcast and interactive services.
G02	Correct, oral and written, communication skills.
G06	Knowledge of basic subjects and technologies, enabling students to learn new methods and technologies, as well as providing great versatility to adapt to new situations
G07	The ability to tackle problems with initiative, making decisions, creativity, and to communicate and transmit knowledge, skills and abilities, including the ethical and professional responsibility of the activity of a Technical Telecommunications Engineer
G08	Knowledge to perform measurements, calculations, assessments, appraisals, surveys, studies, reports, task planning and other similar work in their specific telecommunications field
G13	The ability to look for and understand information, wether technical or commercial in different sources, to relate and structure it to integrate ideas and knowledge. Analysis, synthesis and implementation of ideas and knowledge.

5. Objectives or Learning Outcomes

Course learning outcomes

Description

Knowledge and respect of professional ethics and deontology.

Analysis, synthesis and compression of technical documentation and mastery of specific vocabulary.

Synthesis of capacities of several telecommunications engineering areas.

Correct use of oral and written expression to convey ideas, technologies, results, etc.

Knowledge and implementation of advanced techniques to create applications and communication devices.

Use of ICT to achieve the specific objectives set in the subject.

6. Units / Contents

Unit 1: The audiovisual project
Unit 2: Sound in audiovisual projects
    Unit 2.1 Sound languaje elements
    Unit 2.2 Audovisual sound
    Unit 2.3 TV sound

Unit 2.4 Radio production

Unit 2.5 PRACTICE 1- Sound recording and editing

Unit 3: Image in audiovisual projects

Unit 3.1 Image typologies

Unit 3.2 Composition and framing

Unit 3.3 Montage

Unit 3.4 PRACTICE 2 - photo composition and framing

Unit 3.5 PRACTICE 3 - recording and editing video

Unit 4: Audiovisual coverage of events

Unit 4.1 In the location

Unit 4.2 Outdoor broadcasting

Unit 4.3 PRACTICE 4 - audiovisual events

Unit 5: TV production

Unit 5.1 Multicamera realization

Unit 5.2 TV studio realization

Unit 5.3 PRACTICE 5 - TV realization

Unit 6: Final project

ADDITIONAL COMMENTS, REMARKS

The development of one or more audiovisual projects by the students will be proposed, from the planning or pre-production phase to the recording-edition-diffusion on an appropriate format.

Audiovisual edition software resources: Premiere and ProTools.

Equipment for the Television Studio, Radio Studio and Sound Laboratory: television cameras, lighting system, microphones, mixing console, etc.

7. Activities, Units/Modules and Methodology

Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Class Attendance (theory) [ON-SITE]	Combination of methods	E21 E22 E23 E25 G06 G08	0.87	21.75	N	-	
Problem solving and/or case studies [ON-SITE]	Cooperative / Collaborative Learning	E21 E23 G07 G08 G13	0.18	4.5	N	-	
Computer room practice [ON-SITE]	Combination of methods	E21 E23 E25 G02 G07 G08	0.94	23.5	N	-	
Practicum and practical activities report writing or preparation [OFF-SITE]	Combination of methods	E21 E23 E25 G02 G06 G07 G08 G13	0.5	12.5	Y	Y	Preparation and preparation of the reports of the practical programs at the beginning of the semester, as specified in the virtual campus. Deliveries will generally be in audiovisual format. A minimum score of 4.0 points must be obtained in each of the reports. Suspended memories may be recovered with a new delivery in the extraordinary call.
Writing of reports or projects [OFF-SITE]	project-based learning	E21 E23 E25 G02 G06 G07 G08 G13	1	25	Y	Y	Final project of the subject: planning, implementation and technical memory according to the instructions published on the virtual campus at the beginning of the semester. Recoverable with a new delivery in extraordinary call.
Project or Topic Presentations [ON-SITE]	Assessment tests	E21 E23 G02 G07 G08 G13	0.2	5	Y	N	Presentation of practices and the final project during class hours, according to the weekly plan published in the spiritual campus at the beginning of the semester. Non-recoverable activity.
Group tutoring sessions [ON-SITE]	Group tutoring sessions	E21 E23 G02 G07 G08 G13	0.07	1.75	N	-	
Study and Exam Preparation [OFF-SITE]	Self-study	E21 E23 G02 G06 G08 G13	2.1	52.5	N	-	
Final test [ON-SITE]	Assessment tests	E21 E23 G02 G07 G08 G13	0.14	3.5	Y	Y	Recoverable in ordinary and extraordinary call.
		Total:	6	150			
		Total credits of in-class work: 2.4				Total class time hours: 60	
		Total credits of out of class work: 3.6				Total hours of out of class work: 90	

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System

Evaluation System	Continuous assessment	Non-continuous evaluation*	Description

Test	25.00%	40.00%	Theoretical assessment test at the end of the semester
Laboratory sessions	50.00%	40.00%	Reports and presentation of practices
Fieldwork assessment	25.00%	20.00%	Final project of the subject. Report and presentation in class
Total:	**100.00%**	**100.00%**	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject , an ordinary and an extraordinary one (evaluating 100% of the competences).

Evaluation criteria for the final exam:

Continuous assessment:

The laboratory practical reports and the final project are compulsory activities, and it will be necessary to pass them with a minimum mark of 4.0 points in order to pass the subject in any call.

The compulsory activities Test (evaluation test) will be passed with a minimum score of 4.0 points.

To pass the course it is necessary to obtain a minimum final grade of 5.0 points.

Non-continuous evaluation:

The evaluation test will consist of two different parts, a theoretical part and a practical part, which must be passed independently with 4.0 points each.

The reports of the practices (40%) and the final project (20%) will be evaluated, but not its presentation in class.

Specifications for the resit/retake exam:

The reports of the suspended practices, as well as the final project, may be presented again on the date of the extraordinary call.

Specifications for the second resit / retake exam:

The same weighting of grades will be applied as the non-continuous assessment.

On the date of the call, an evaluation test and the delivery of practical reports and final project will be carried out.

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
Hours	**hours**
Practicum and practical activities report writing or preparation [AUTÓNOMA][Combination of methods]	12.5
Writing of reports or projects [AUTÓNOMA][project-based learning]	10
Project or Topic Presentations [PRESENCIAL][Assessment tests]	4
Group tutoring sessions [PRESENCIAL][Group tutoring sessions]	1.75
Study and Exam Preparation [AUTÓNOMA][Self-study]	52.5
Final test [PRESENCIAL][Assessment tests]	3.5
Unit 1 (de 6): The audiovisual project	
Activities	**Hours**
Class Attendance (theory) [PRESENCIAL][Combination of methods]	4
Problem solving and/or case studies [PRESENCIAL][Cooperative / Collaborative Learning]	1.5
Computer room practice [PRESENCIAL][Combination of methods]	3
Unit 2 (de 6): Sound in audiovisual projects	
Activities	**Hours**
Class Attendance (theory) [PRESENCIAL][Combination of methods]	4
Computer room practice [PRESENCIAL][Combination of methods]	4
Unit 3 (de 6): Image in audiovisual projects	
Activities	**Hours**
Class Attendance (theory) [PRESENCIAL][Combination of methods]	4
Computer room practice [PRESENCIAL][Combination of methods]	3.5
Unit 4 (de 6): Audiovisual coverage of events	
Activities	**Hours**
Class Attendance (theory) [PRESENCIAL][Combination of methods]	4.5
Problem solving and/or case studies [PRESENCIAL][Cooperative / Collaborative Learning]	.5
Computer room practice [PRESENCIAL][Combination of methods]	4
Unit 5 (de 6): TV production	
Activities	**Hours**
Class Attendance (theory) [PRESENCIAL][Combination of methods]	4.5
Problem solving and/or case studies [PRESENCIAL][Cooperative / Collaborative Learning]	1.5
Computer room practice [PRESENCIAL][Combination of methods]	4.5
Unit 6 (de 6): Final project	
Activities	**Hours**
Class Attendance (theory) [PRESENCIAL][Combination of methods]	.75
Problem solving and/or case studies [PRESENCIAL][Cooperative / Collaborative Learning]	1
Computer room practice [PRESENCIAL][Combination of methods]	4.5
Writing of reports or projects [AUTÓNOMA][project-based learning]	15
Project or Topic Presentations [PRESENCIAL][Assessment tests]	1
Global activity	
Activities	**hours**
Problem solving and/or case studies [PRESENCIAL][Cooperative / Collaborative Learning]	4.5
Computer room practice [PRESENCIAL][Combination of methods]	23.5
Group tutoring sessions [PRESENCIAL][Group tutoring sessions]	1.75
Writing of reports or projects [AUTÓNOMA][project-based learning]	25
Project or Topic Presentations [PRESENCIAL][Assessment tests]	5
Final test [PRESENCIAL][Assessment tests]	3.5
Class Attendance (theory) [PRESENCIAL][Combination of methods]	21.75

Practicum and practical activities report writing or preparation [AUTÓNOMA][Combination of methods]	12.5
Study and Exam Preparation [AUTÓNOMA][Self-study]	52.5
Total horas:	150

10. Bibliography and Sources

Author(s)	Title/Link	Publishing house	City	ISBN	Year	Description
Castillo, José María	Televisión, realización y lenguaje audiovisual	Instituto Radio Televisión Española	Madrid	978-84-88788-76-4	2009	
Millerson, Gerald	Realización y producción en televisión	Omega		978-84-282-1467-4	2009	
Nisbett, Alec	The Sound studio : audio techniques for radio, television, film and recording	Focal Press		0-240-51911-6	2003	
Owens, Jim	Producción de reportajes deportivos en TV	Omega	Barcelona	8428214735	2010	
Rumsey, Francis	Sonido y grabación : introducción a las técnicas sonoras	Instituto Oficial de Radio y Televisión		84-88788-57-6	2004	
White, Ted	Broadcast news : writing, reporting, and producing	Elseiver. Focal Press		0240804333	2010	
Martínez Abadía J., Fernández Díez F.	Manual del productor adiovisual	Editorial UOC	Barcelona	978-84-9788-930-8	2018	