

Academic Year: 2025/26

201906 - Cinematography Direction and Lighting

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Teaching Guide Information

Subject code: 201906

Degree program: 10013 - Degree in Audiovisual Communication

Type: Compulsory

Year: 3

Number of ECTS: 6.0

Period: First term

Languages:

Degree coordination: Ana María González Neira

Subject coordination: Sandra Martínez Costa

Faculty: Sandra Martínez Costa

1. Overview

The primary goal of this subject is to learn the work of the cinematographer, and to create photographic and cinematographic content of technical and aesthetic quality.

2. Educational and learning outcomes (RD 822/2021 degree programs) or competences (RD 1393/2007 degree programs)

Competences (RD 1393/2007 degree programs)

- [A01] Comunicar mensaxes audiovisuais.
- [A02] Crear produtos audiovisuais.
- [A07] Coñecelas técnicas de creación e produción audiovisual.
- [A08] Coñecela tecnoloxía audiovisual.
- [B08] Empregar as ferramentas básicas das tecnoloxías da información e as comunicacións (TIC) precisas para o exercicio da súa profesión e para a aprendizaxe ao longo da súa vida.
- [C01] Entender a importancia da cultura emprendedora e coñecer os medios ao alcance das persoas emprendedoras.
- [C02] Valorar criticamente o coñecemento, a tecnoloxía e a información dispoñible para resolver os problemas cos que deben enfrontarse.
- [C03] Asumir como profesional e cidadán a importancia da aprendizaxe ao longo da vida.
- [C04] Valorar a importancia que ten a investigación, innovación e o desenvolvemento tecnolóxico no avance socioeconómico e cultural da sociedade.

3. Contents

Content unit	Description	Education and learning outcomes / competences	Teaching methodologies and training activities	Assessment systems
Topic	1. Cinematography in Film, Television, and the Internet: 1.1. The Photography Crew in Film and Television 1.2. Masters of Light. Overview of Cinematography in the History of Cinema 1.3. Contemporary Directors of Photography 1.4. DSLRs for Videos and Low-Cost Filmmaking	A01, A02, A07, A08, B08, C01, C02, C03, C04.		SEG17, SEG21, SEG31.
Topic	2. Framing: 2.1. Photography, film, and television formats 2.2. Basic principles of composition 2.3. Narrative and expressive use of different types of shots	A01, A02, A07, C01, C02.		SEG17, SEG21, SEG31.
Topic	3. The Language of Optics: 3.1. Focal Length: Optics and Perspective 3.2. Optics and Depth of Field 3.3. Narrative Use of Optics	A07, A08, B08.		SEG17, SEG21, SEG31.
Topic	4. Exposure: 4.1. Exposure, ISO, and Lighting Ratios 4.2. Contrast Ratios 4.3. Exposure and Camera: Metering Systems 4.4. The Shutter in Photography and Video	A07, A08, B08, C02.		SEG17, SEG21, SEG31.
Topic	5. Camera Movement: 5.1. Types of Movement 5.2. Supports 5.3. Narrative Use of Camera Movement	A07, A08, C01, C02.		SEG17, SEG21, SEG31.
Topic	6. Lighting in Photography, Film, and Television: 6.1. Lighting Equipment: Luminaires and Light Control Elements 6.2. Portrait Lighting Techniques 6.3. Video Lighting Techniques 6.4. Evolution of the Use of Light in Film	A01, A02, A07, A08, B08, C04.		SEG17, SEG21, SEG31.
Topic	7. Color: 7.1. Color temperature 7.2. Color and recording medium 7.3. Color and contrast control in post-processing: bleaching bath and bleach bypass	A01, A02, A07, A08, B08.		SEG17, SEG21, SEG31.

4. Teaching methodologies and training activities

Modality In-person					
Methodology	Description	In-person teaching hours	Virtual teaching hours	Independent study hours	Education and learning outcomes / competences
Personalized attention [MAG00]	Practical portfolios and exercises will be supervised during different periods of the academic course.	0,00	0,00	8,00	A01, A02, A07, A08, C02, C03, C04.

Methodology	Description	In-person teaching hours	Virtual teaching hours	Independent study hours	Education and learning outcomes / competences
Student portfolio [MAG17]	Creation of an own photographic series	0,00	0,00	8,00	A01, A02, A07, A08.
Laboratory practice [MAG21]	Photography and lighting practices, that can go online.	22,00	0,00	36,00	A01, A02, A07, A08.
Objective test [MAG31]	Test-type exam on the theoretical and practical knowledge acquired during the course	2,00	0,00	30,00	A01, A07, A08, B08, C01.
Guest lecture / keynote speech [MAG39]	Theoretical-practical classes on the main technical and expressive aspects of photography direction, synchronous or asynchronous.	24,00	0,00	24,00	C01, C02, C03, C04.
Sum of hours by type		48,00	0,00	106,00	
Total hours				154,00	

5. Assessment

Modality In-person			
Assessment system	Description	Weighting (%)	Education and learning outcomes / competences
Student portfolio [SEG17]	The following aspects will be measured: Conceptual proposal; technical quality of execution; composition and aesthetics; originality; and challenges assumed in the completion of the work.	10,00	A01, A02, A07, A08, B08, C01, C02, C03, C04.
Laboratory practice [SEG21]	Practical exercises are mandatory	60,00	A01, A02, A07, A08, B08, C01, C02, C03, C04.
Objective test [SEG31]	The exam includes the theoretical and practical content acquired during the master sessions as well as the required reading materials.	30,00	A01, A02, A07, A08, B08, C01, C02, C03, C04.
Total (%)		100,00	

All aspects related to academic exemption, study dedication, retention, and academic fraud will be governed in accordance with the current [academic regulations](#) of the UDC.

5.1. First opportunity

The assessment for the first opportunity is described in the assessment system in the course guide. The types of practicals and exam methods will be specified on the course's virtual campus before the start of the course.

5.2. Second opportunity

The evaluation for the second opportunity will be the same as for the first. The types of practices and exam methods will be specified on the course's virtual campus before the start of the course.

5.3. Early opportunity

The early opportunity for this subject consists of a knowledge test on the subject's contents.

5.4. Academic exemption

All questions related to "academic exemption," "dedication to study," "permanence," and "academic fraud" will be governed by the current academic regulations of the UDC.

All students with recognized part-time (TP) or adapted enrollment status are entitled to academic exemption, once they have proven any of the circumstances listed in Article 6 of the NDEDA.

Full-time students may also request it, provided they prove any of the circumstances listed in Article 6 of the NDEDA. The evaluation conditions for students with academic exemption must be agreed upon with the subject instructor.

6. Recommended bibliography

Basic bibliography

- Brown, Blain. (2008). Cinematografía : teoría y práctica : la creación de imágenes para directores de fotografía, directores y operadores de vídeo. Omega. Book. [\[URL\]](#)

Supplementary bibliography

- Castillo, José María (Castillo Pomeda), Instituto Oficial de Radio y Televisión (Madrid), ed. (2022). Televisión, realización y lenguaje audiovisual. Instituto RTVE, 4ª edición. Book. [\[URL\]](#)
- Frost, Jacqueline B., 1957- (2009). Cinematography for directors : a guide for creative collaboration. Michael Wiese Productions. Book. [\[URL\]](#)