



ESCUELA UNIVERSITARIA
DE ARTES. MADRID

Computer Technology Applied to the Performing Arts

COURSE GUIDE

BACHELOR'S IN PERFORMING ARTS AND SCREEN ACTING
COURSE 2026/2027



Universidad
Rey Juan Carlos

Course data

<i>Duration</i>	Term 2
<i>Credits</i>	6 ECTS
<i>Modality</i>	In-person
<i>Language</i>	English
<i>Faculty</i>	Performing Arts
<i>Teacher</i>	Alvaro Chior

Course presentation

Basic knowledge of hardware, software and internet applied to the needs of professionals in the Performing Arts. Office technology tasks in any format, as a collaboration and online, the commercial and marketing potential of social networks, creation of a web page, video editing, image and video resolution.

Student competencies

CG01	Manage information from different sources and apply it to the area of stage and screen acting.
CG04	Know the technological resources typical of the discipline and its applications in the performing arts, assimilating innovations that appear.
CG05	Solve problems and generate work dynamics in multidisciplinary environments.
CE10	Know the expressive possibilities of different technological resources for creation, functioning and expressivity in the stage space.
CE14	Acquire a comprehensive vision of the current situation in the stage and audiovisual industry and its relationship to cultural industries.
CE16	Handle the digital tools towards different communications strategies in promotion and dissemination.

Learning outcomes

Upon completion of this course, each student must be able to:

1. Do work using office technology in any format, as a collaboration and online.
2. Redact reports in an academic format, correctly using the necessary information search engines and bibliography search engines.
3. Detect commercial and marketing potentials and use social networks properly.
4. Search for and register a domain and host to create an online website.

5. Design and set up a website using free online tools.
6. Use video editing software as a tool to manage their audiovisual material.
7. Use images and videos correctly, and specifically as pertains to size and resolution.
8. Use IT resources to boost their professional profile in the field of stage and screen arts.

Teaching methodology

MD1	Participatory lecture.
MD2	Case studies and debate.
MD3	Problem resolution and discussion of results.
MD5	Cooperative and collaborative learning.
MD6	Tutorials and guidance.

Course content

Content	Office Software and the Internet: 1. Office applications. 2. New forms of communication. 3. An approach to graphic design. 4. Introduction to AI tools applied to design, editing, post-production, etc Audiovisual media: 1. Multimedia applications. 2. Digital imaging and photo retouching. 3. Digital audio and audio editing. 4. Digital video and video editing.
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Learning activities

AF1	Theory and combination theory-practice learning.	24 horas
AF2	Classroom/lab exercises and practice.	21 horas
AF4	Arts appreciation activities: seminars, visits to exhibitions or viewings of visual/audiovisual works.	12 horas
AF7	Assessment	3 horas

AF8	Self-study of theoretical content and autonomous assignment work and practical activities.	120 horas
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** The hours assigned to the different learning activities may vary depending on the academic needs of the course, the group or the teaching team.*

Assessment

GENERAL ASSESSMENT CRITERIA

ATTENDANCE

The classes are in-person, and attendance is mandatory, as it is a determining factor in the continuous assessment system, as well as in class attitude and participation. However, in exceptional cases due to health situations or family reconciliation, students may request online access as a methodological adaptation (for more information, please contact the student department).

MARKS

Continuous Assessment is a comprehensive assessment of each student's results judged on the assessment criteria described in the following section, on a scale of 0 to 10 as provided in current legislation.

Students wishing to bring up their grade in the extraordinary/ re-assessment period must first contact the Registrar's Office to expressly waive in writing all of the marks they obtained in the regular assessment period. Their final assessment mark will be the mark obtained in re-assessment.

SPELLING AND EXPRESSION

The grading of written examinations and assignments will consider spelling, grammar, and clarity of expression. Errors in spelling, punctuation, and writing style may negatively affect the final grade, depending on their nature, frequency, and severity.

UNIVERSITY WRITTEN REPORTS

These must have a title page, table of contents and bibliography listing at least 4 sources. These works must be original. Excerpts from other authors must be properly cited. Demonstrable plagiarism is an academic offence. If one student copies the work of another student, both shall be held accountable.

SPECIFIC ASSESSMENT CRITERIA

REGULAR ASSESSMENT PERIOD

The teaching team will provide the details/specifications on the content or submission of assessment tasks; this information will be given in class or in a document made available to the student on the Virtual Course Space (in Spanish, *Aula Virtual*).

Assignments that are not submitted within the established deadlines for Re-evaluable criteria may be considered as 'Not Submitted' (NP). These may either be submitted and evaluated during the extraordinary assessment period, or receive a grade of 0 to be factored into the average, if the instructor deems it appropriate for reasons of feasibility and/or academic coherence. Unsubmitted assignments belonging to Non-Re-evaluable criteria will receive a grade of 0.

<i>Assessment task (*)</i>	<i>Revaluable/non-revaluable</i>	<i>Minimum mark yes/no</i>	<i>% of final mark</i>
SE1 In-class tests and examinations (oral and/or written)	Revaluable	Yes	25%
SE3 Continuous assessment: weekly tasks and homework, periodical reports, problem resolution	Revaluable	Yes	60%
SE5 Attitude and participation	Non-revaluable	No	15%
			100%

(*) Records and evidence of all of the assessment tasks (writings, recordings, etc.) listed in this table will be kept and filed in the Registrar's Office.

EXTRAORDINARY/RE-ASSESSMENT PERIOD

Students who have not passed the course during the regular assessment period may choose one of the following extraordinary assessment options:

- **Option 1: Criterion-based reassessment.** Assessment will be limited exclusively to the reassessable criteria that were not passed during the regular assessment period. The reassessment activity will be of the same nature as the original one (exam, assignment, etc.). The grades obtained in the ordinary assessment period for non-reassessable criteria (provided the minimum passing grade was achieved) will be retained and included in the weighted calculation of the final extraordinary assessment grade.
- **Option 2: Comprehensive reassessment.** Students may complete a single assessment activity accounting for 100% of the extraordinary assessment. The nature of this activity will be determined by the instructor and may include an oral or written examination, submission of a portfolio, theoretical and/or practical assignments, or other equivalent forms of assessment.

The instructor must communicate both Option 1 and Option 2 for the extraordinary assessment through the course notice board on the virtual campus at least 10 days prior to the extraordinary assessment date.

Students must respond to this communication via the virtual campus notice board, indicating their choice of Option 1 or Option 2, at least 3 days prior to the extraordinary assessment date. If a student does not respond, the instructor will automatically apply Option 2 (a single assessment activity accounting for 100% of the extraordinary assessment).

REVIEW OF ASSESSMENT MARKS

As set out in the TAI School of the Arts Student Handbook.

Resources

RECOMMENDED BIBLIOGRAPHY

Fernández Polanco, A. (2019). *Crítica visual del saber solitario*. Consonni.
Haraway, D. (1995). *Ciencia, cyborgs y mujeres. La reinención de la naturaleza*. Cátedra.
Hui, Y. (2020). *Fragmentar el futuro. Ensayos sobre tecnodiversidad*. Caja Negra.
Lovink, G. (2019). *Tristes por diseño. Las redes sociales como ideología*. Consonni.
Martín Prada, J. (2018). *El ver y las imágenes en el tiempo de internet*. Akal.
Preciado, P. B. (2020). *Yo soy el monstruo que os habla. Informe para una academia de psicoanalistas*. Anagrama.
Sadin, É. (2017). *La humanidad aumentada. La administración digital del mundo*. Caja Negra.
Steyerl, H. (2014). *Los condenados de la pantalla*. Caja Negra.

RECOMMENDED FILMOGRAPHY

Carax, L. (Director). (2012). *Holy Motors* [Film]. Arte France Cinéma; Wild Bunch.
Jenkins, B. (Director). (2016). *Moonlight* [Film]. A24; Plan B Entertainment.
Kwan, D., & Scheinert, D. (Directors). (2022). *Everything everywhere all at once* [Film]. A24; IAC Films.
Lynch, D. (Director). (2001). *Mulholland Drive* [Film]. Les Films Alain Sarde; Asymmetrical Productions.
Rohrwacher, A. (Director). (2018). *Happy as Lazzaro* [Film]. Tempesta; Rai Cinema.
Welles, O. (Director). (1973). *F for fake* [Film]. Les Films de l'Astrophore; Janus Films.
Wells, C. (Director). (2022). *Aftersun* [Film]. BBC Film; Pastel Productions.

RECOMMENDED WEBSITES

Adobe. (n.d.). *Creatividad, marketing y soluciones de gestión de documentos*.
<https://www.adobe.com/es/>
Audacity. (n.d.). *Audacity: Editor y grabador de audio gratuito de código abierto*. <https://audacity.es/>
Google. (n.d.). *Google Drive: Secure online storage for businesses and individuals*.
https://www.google.com/intl/es_ALL/drive/
Instagram. (n.d.). *Instagram*. <https://www.instagram.com/>
RBG Escuela. (n.d.). *Home* [YouTube channel]. YouTube. Retrieved July 8, 2026, from
<https://www.youtube.com/c/RBGEscuela>
Wix. (n.d.). *Wix: Free website builder*. <https://www.wix.com/>

REQUIRED MATERIALS FOR THE COURSE

Computer, Internet and USB memory.

VISITS, MASTER CLASSES, EVENTS AND ADDITIONAL WORKSHOPS

Programmed by TAI and related to the course. Attendance is mandatory.