

SUBJECT: Live Performance Electronic Applications

SUBJECT IDENTIFICATION

Code	CS0P01	
Type	Elective Course	
Speciality/itinerary/instrument	Performance / Jazz and Contemporary Music/ All instruments and voice speciality	
Main subject	Music Technology	
Period of time	2 nd Course	
Number of credits	4 ECTS	
Number of hours	Total: 120 hours	In-person: 36 hours
Department	Music Technology	
Previous requirements	Music Technology I	
Instruction Language	Spanish	

RESPONSIBLE INSTRUCTOR(S)

Surname and name	Email address
Juan Antonio Xas	juanantonioxas@gmail.com

COURSE LEARNING OUTCOMES

Upon completion of this course, the students will be able to:

- Apply new technologies to live performance dynamics;
- Expand their creativity and efficiency on stage towards the use of more contemporary and ground-breaker music languages;
- Convert computers, software and hardware in music instruments and composition/production tools
- Perform correctly with their instrument music pieces that included irregular bars, metric modulations and polyrhythm;
- Apply solutions and alternatives to the problems of the music industry with regards to tours, budgets and staff when it comes to take the sound to the big studio productions and tours in lighter and more profitable formats.

COURSE CONTENT

Thematic block	Themes/ repertoire
I. Technological concepts musical and creative application	Theme 1. Ableton live software: setup (Interface, audio, MIDI, Dual Screen, plug-ins and out etc.)
	Theme 2. Recording and midi edition, Warping, quantization, swing.
	Theme 3. The Sampling art: Sound design, wavetable, synthesis.
II. Rhythms advanced creation	Theme 4. Beat Making I, Introduction: Rhythm creations
	Theme 5. Beat Making II: analysis
	Theme 6. Beat Making III: performance
III. Audio effects and final project	Theme 7. Audio effects (reverb, delay, compression, EQ etc.); the loop art, automatization.
	Theme 8. Templates and mapping: <i>template making</i> and mapping
	Theme 9. Track ending: mixing, click, link, groups and deliveries.
	Theme 10. Final project: mock-up and live concert with other music instruments or artists.

METHODOLOGY

Theoretical activities	Theoretical/conceptual explanations and analysis of different examples coming from all the most relevant music styles.
Practical activities	Practical application of what has been studied in class through transcriptions, group intonation, performance with instrument, sight-reading, rhythms and melodies composition
Other training mandatory activities (workshops, seminars, etc.)	Thematic sessions with visiting professors

CALIFICATION CRITERIA AND TOOLS

Theoretical activities	<p><u>Participation</u>: The students must actively participate in class, proving interest and/or understanding of the content covered.</p> <p><u>Continuous evaluation</u>: The students must fulfil the requested assignments during the whole academic course, proving research ability and practice synthesis skills concerning theoretical concepts in performance.</p>
Practical activities	<p><u>Participation</u>: The students must actively participate in class, proving interest and/or understanding of the content covered.</p> <p><u>Continuous evaluation</u>: The students must fulfil the requested practical assignments during the whole academic course based on</p>

	<p>to team-work dynamics and also prove writing and oral skills, beside performing skills.</p> <p><u>Performance exams:</u> The students must take at least two exams during the academic course in order to show the practical skills acquired and the practical assimilation of the course contents, following the tests instructions.</p>
Other educational mandatory activities (workshops, seminars, etc.)	<p><u>Participation:</u> The students must actively participate in the different relevant events as considered by the instructor or by the coordinators.</p>

EVALUATION CRITERIA

The student assessment will be carried out through continuous evaluation during the whole academic year based on attendance, active participation and the practical exercises requested during the course of the year. In addition, the students will take two exams: a mid-term exam in February in order to check the level of assimilation and knowledge acquisition and a final exam in June in order to determinate the level acquired by the student. Please find below the details regarding the evaluation criteria of each type of activity:

Theoretical activities	<p>Argue with ease upon the available tools in the current music industry for the technological implementation in live performances and their main technical characteristics.</p> <p>Argue upon the new and ground-breaking music languages providing concrete examples.</p> <p>Design a theoretical approach about how to integrate the new technologies and techniques studied in live applications</p> <p>Prove deep understanding of the themes covered in the course arguing with maturity over the music industry future, providing personal reflections, ideas and possible solutions to concrete problems.</p>
Practical activities	<p>Use computers, software and hardware in their personal performance and composition processes; recording in class or at home or in live performances in class carrying out the tasks assigned by the instructor. directo en clase proyectos o tareas asignadas por el Profesor.</p> <p>Achieve a homogeneous implementation and musical integration of the tools studied in class into their personal sound or music writing process. This should be proved through brief performance/composition exercises in class and homework to be developed by the student individually.</p>
Other mandatory training activities (workshops, seminars, etc.)	<p>To attend and participate in the Tech&Play events organised by the School and for their education (Meet the artists sessions, invited professors sessions, concerts and rehearsals) and go to the corresponding concerts of artists that use the above-mentioned tools in order to observe and learn from them.</p>

GRADE DETERMINATION SYSTEM

Grade determination system in continuous assessment

	Grade percentage
Participation	10%
Continuous assessment	40%
Mid-term exam	20%
Final exam	30%
Total	100%

Grade determination system in cases of loss of continuous assessment right

	Grade percentage
Final exam	80%
Total	80%

Grade determination system for the extraordinary assessment call

	Grade percentage
Retake exam	100%
Total	100%

Grade determination system for students with disabilities

In principle, the grade determination system for students with disabilities will be carried out following the criteria set for the rest of the students, ensuring equal opportunities and conditions for all the students. However, if necessary, the instructor in charge will take into account the type of disability of the concerned student. Should the situation apply, the assessment conditions will be adapted in accordance to the limitations of the corresponding disability.

These considerations will be established once the concerned student enrolls in the corresponding courses. For the official records, the student and/or the student representative will be requested to present the corresponding disability report for the official accreditation.

	Grade percentage
Participation	10%
Continuous assessment	40%
Mid-term exam	20%
Final exam	30%
Total	100%

RESOURCES AND BIBLIOGRAPHY

Campus online <https://musicacreativa.classlife.education/>