

Course title:	AUDIO PRODUCTION & TECHNOLOGY II
Course code:	AAVC 105
Type of course:	Required
Level of course:	Bachelor
Year of study:	1 st
Semester when the course is delivered:	2 nd
Prerequisites:	AAVC 104
Number of ECTS credits allocated :	5
Hours:	3
Name of lecturer(s):	Mr Andreas Trachonitis
Learning outcomes of the course:	<p>Upon completion of the course, students should be able:</p> <ol style="list-style-type: none"> 1. To develop second level hands on experience on applied methods and techniques in the analogue and digital recording environment. 2. To explore and analyse in depth the operation and uses of digital and analogue signal processing devices such as preamps, eq's and compressors. 3. To analyze and assess the work produced by the students as well as existing audio pieces produced by professionals 4. To take the first steps in recording musical instruments in the studio, editing and mixing the music produced. 5. To identify and analyze the creative principles of post-production planning and sound editing.
Course content:	<ul style="list-style-type: none"> • Studio Equipment Further analysis of studio equipment. Preamps/Compressors/EQ's, different types and how are used in the production procedure • Music Production Pre Production/Production/Post-Production. Students will learn the procedure that is required to produce a song in the studio • Sound Design Audio Post Production for films/tv or the web. Students will realize how the sound of the mass media is produced and will be able to reproduce it • AVID Pro Tools Students will get the chance to learn further how to use Pro Tools. More complicated editing techniques as well as signal flow within the software Basic sound theory
Essential Reading:	-David Gibson, (2005), " <i>The Art of Mixing</i> ", ArtistPro Publishing.
Recommended and/or required reading:	<p>AVID, Pro Tools 110</p> <p>- David Miles Huber, (2009), "<i>Modern Recording Techniques</i>" 7th Edition Focal Press.</p> <p>- Ken C Pohlmann, (2002), "<i>Principals of Digital Audio</i>" Focal Press.</p> <p>- Daniel M Thompson, (2005), "<i>Understanding Audio</i>", Berklee Press.</p>
References:	<p>http://www.gearslutz.com</p> <p>Tape Op Magazine</p> <p>Sound on Sound Magazine</p> <p>EQ Magazine</p>

Planned learning activities and teaching methods:	Power point presentations, demonstrations and audio samples together with detailed critical analysis on every lecture engage students in the practice and disciplines of audio production. Lectures address the theory of audio production and are supported by practical demonstrations in which the information imparted is put into practice. Multitrack audio examples are demonstrated in class and are used to critically analyse audio production recording/editing and mixing techniques. Student projects require them to work as a team and meet strict deadlines. They are also required to “hire” people outside their university environment to “work” for them. Lecture notes and presentations are available through the web for students to use in combination with the textbooks
Assessment techniques and Assessments criteria:	<ul style="list-style-type: none"> • Mid-Term Project 35% • Final Project 35% • Final Assessments 30% <p>Assessment Criteria for each one of the projects are:</p> <p>Production competency and solution - 40% Understanding and application of subject specific knowledge and principles. Problem solving, experimentation and process of ideas and materials in the realization of concepts.</p> <p>Research and Analytical Skills - 20% Identification and investigation of a range of cultural, academic, disciplinespecific sources. Examination and interpretation of resources</p> <p>Execution and Technical Competence - 20% Skills of execution and practical application of relevant media to materialize ideas.</p> <p>Presentation and Communication - 20% Synopsis of all process stages into a coherent conclusion to verify concept, design solution and final execution. Oral and visual presentation considering medium, terminology and target audience.</p>
Language of instruction:	English
Work placement(s):	None