



Name of subject	Audio
Entity running the module	The Faculty of Graphic Arts and Media Art, Department of Media Art
Entity for which the module has been prepared	The Faculty of Graphic Arts and Media Art
Module type	Basic module, compulsory module in the field of Media Art
Year of study/ semester; mode of attendance	Year 2 - semester 3 First level full-time studies
ECTS credits	3
Module organizer	mgr inż. Piotr Masny
Academic aims	Preparing students for independent recording, editing and montage of acoustic signals
Module prerequisites	none
Learning outcomes with respect to:	
– knowledge	<ul style="list-style-type: none">- Rudiments of acoustics - acoustic wave, its perception and reproduction- Rudiments of recording, processing and montage of acoustic signals;
– skills	<ul style="list-style-type: none">- Recording, processing and montage of acoustic signals;- Determining the parameters of acoustic signals; assessment,
– personal and social competence	<ul style="list-style-type: none">- Competences in working with sound (recording, editing and montage),- Team working skills required for recording in a studio and processing of the recorded material.
Module content	<ul style="list-style-type: none">- Physical background of acoustics, aspects of acoustics of hearing and speech as well as psychoacoustics,- Analogue and digital forms of acoustic signal recording,- Rudiments of sound recording - types of microphones and microphone techniques; recording appliances,- Analogue and digital audio connections, configuration and diagnostics of the acoustic channel, regulation scales,- Rudiments of sound processing - filters, time-and-space and dynamic effects, rudiments of sound montage,
Module form and number of module hours	Lectures and practical classes in a studio and computer laboratory, 45 hours/sem.
Assessment methods and criteria	50% task performance, active participation in classes, work-in-progress reviews; 50% open work review
Assessment type	Graded pass
Literature	P. Kim: Real World Digital Audio, Helion, Gliwice, 2007 D.L. Yewdall: Practical Art of Motion Picture Sound, Focal Press, Oxford, 2012 F. Alton Everest: Podręcznik Akustyki, Sonia Draga, Katowice, 2004 D. Hosken: An introduction to Music Technology, Routledge, New York, 2011 A. Beach: Kompresja dźwięku i obrazu wideo, Helion, Gliwice, 2009
Notes	none
Language of instruction	Polish, English, Spanish, Russian