

DESCRIPTION OF THE STUDY SUBJECT

Title

PRACTICE OF AUDIO AND VIDEO EDITING TECHNOLOGIES

Scope of the subject

Semester	Mode of studies	Structure*		Total number of hours	Number of credits	Group and type of subjects
		PR	S			
IV	Full-time	120	40	6	160	Compulsory subjects (practice) of the study field
V	Part-time	120	40	6	160	

*L – lectures, PS – practical activities, seminars, LW – laboratory work, PR – practice, CP – course paper, C – consultations, S – self-study

Aim of the subject

To consolidate knowledge and abilities of audio recording and editing, filming, photographing and video editing, management of interactive multimedia technologies, to assess students' ability to apply knowledge in practical activities.

Necessary background knowledge for studying the subject

Students shall have heard subjects basics of contemporary media art and technologies, multimedia hardware and audiovisual technologies.

Content of the subject

The title of the assignment and description of activities	Number of contact hours	S	Total number of hours
	PR		
1. To assess the situation with software and hardware of audio technologies in the enterprise. <i>What equipment is available; what possibilities such equipment open up for creative work; what newer equipment could be used and what the purchase of such equipment would give; whether available equipment and purchase of new equipment meets / would meet the aims raised by the enterprise.</i>	4	-	4
2. Audio recording and sound editing assignment. <i>Sound recording is performed using a microphone, sound correction (removal of unnecessary sounds, changing of tempo or pitch, audio effects, frequency adjustment, automation of effects), sound clipping and connection.</i>	8	-	8
3. MIDI editing assignment. <i>Recording is made using MIDI protocol supporting equipment or a piece of music created by another author in midi format is edited, VSTi are used, audio and MIDI material are adjusted, sequencer / arpeggiator are applied.</i>	8	-	8
3. Soundtrack for the video assignment. <i>A diverse soundtrack for one's own or another author's filmed material is created, panorama or surround possibilities are used, rhythmic pulsation of the soundtrack is adjusted to the video material. The assignment is carried out in a team with another video or sound creator working in the enterprise.</i>	12	-	12
4. To perform the analysis of the needs for the multimedia product of the enterprise.	4	8	12
5. To evaluate the situation regarding software and hardware of multimedia technologies in the enterprise. <i>What equipment exists; what possibilities such equipment open up for creative work; what newer equipment can be used and what the purchase of such equipment would give; whether available equipment and purchase of new equipment meets / would meet the aims raised by the enterprise.</i>	14	-	14
6. Photography assignment. <i>In accordance with the rules of composition and considering possibilities of available software and hardware, to create a series of photographs on the topic given during practice.</i>	18	-	18
7. Video reportage. To develop a video reportage on the topic of assignment given by the enterprise or a documentary video according to the storyboard reconciled with the head of the enterprise or the customer in advance. Video work shall contain the following: the introductory part, presentation of characters, interview, summary, the final part. The video must be developed to be placed in online environment.	24	-	24
8. Video projection.	22	-	22

The title of the assignment and description of activities	Number of contact hours	S	Total number of hours
	PR		
<i>To create a video projection on the topic that is relevant for the enterprise, which shall employ archival material used by the enterprise and the student's filmed material, the student's created soundtrack with his / her own and other authors' musical material. The projection must be filmed and presented during the report. Developed animated element / character shall be used in the video reportage.</i>			
Preparation and defence of the practice report	6	12	18
Total number of hours	120	40	160

Assessment of learning outcomes

Ten-point criteria-based assessment system is applied. The final mark (FM) of the practice consists of the sum of marks for performance of practice tasks evaluated by the practice supervisor of the enterprise (PSE), for performance of practice tasks evaluated by the practice supervisor of the college (PSC), for the defence of the report (DR), multiplied by weighted coefficients.

IV semester FM = 0,35 PSE + 0,35 PSC + 0,3DR.

Recommended literature

Key literature						
No.	Year of publishing	Author(s) and title of the publication	Publishing house	Number of copies and/or internet link		
				ŠŠC library	Other premises	Other libraries *
1.	2013	Jazgevičiūtė D. Erdvinių formų kūrimo pagrindai	Edukologija	1	-	4
2.	2013	Biver Steven. Šviesa – mokslas ir magija: fotografijos apšvietimo įvadas.	Foto protas	1	-	3
3.	2012	Bush D.D. David Busch's mastering digital SLR photography. Boston	Course technology	1	-	2
4.	2010	Bakutienė V., Palepšaitis S., Sluckuvienė Z. Studijų darbų techninė dokumentacija	Šiaulių valstybinės kolegijos Leidybos centras	12	-	-
Additional literature						
No.	Year of publishing	Author(s) and title of the publication	Publishing house and/or internet link			
1.	2015	Gress J. [digital] Visual Effects & Compositing.	New Readers			
2.	2013	Šviesa – mokslas ir magija: fotografijos apšvietimo magija. Hunter Fil.	Kaunas: Foto protas			
3.	2010	Anghel Leonard JSF 2.0 CookBook	PACKT			
Databases						

* ŠAVB – Šiauliai Region Povilas Višinskis Public Library, ŠU – library of Šiauliai University

Practice organisation procedure and description of the workplace

Practice is done in the organisation, which uses multimedia technologies, hardware with Internet access in its activities. The student's workplace must be equipped with a computer with the operating system, software and hardware to process audio, video, photography, animation.

The description prepared by:

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