

Subject card

Subject name and code	New Technologies in Media, PG_00166908						
Field of study	Audiovisual Production						
Date of commencement of studies	October 2026		Academic year of realisation of subject			2027/2028	
Education level	Bachelor's studies		Subject group			Obligatory subject group in the field of study Subject group related to practical vocational preparation	
Mode of study	full-time studies		Mode of delivery			at the university	
Year of study	2		Language of instruction			Polish	
Semester of study	3		ECTS credits			1.0	
Learning profile	practical		Assessment form			credit	
Conducting unit	Division of Audiovisual Production -> Institute of Culture Studies -> Faculty of Languages -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr Piotr Kurpiewski				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	10.0	0.0	0.0	0.0	0.0	10
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan		Participation in consultation hours		Self-study	SUM
	Number of study hours	10		1.0		14.0	25
Subject objectives	The student learns about the latest technology that affects the development of cinema and television.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[PFAL3_W07] He/she has knowledge of the initial stage of development of an audiovisual project	Student has knowledge of the initial stage of development of an audiovisual project in the field of new media technologies.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW3] text preparation/written work
	[PFAL3_W04] He/she has knowledge of the types and genres of audiovisual activity as an artistic activity.	Student has knowledge of the types and genres of audiovisual activity as an artistic activity, also in the field of new technologies in the media.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW3] text preparation/written work
	[PFAL3_W03] He/she understands the language of audiovisual media and knows professional terminology, also in English.	Student understands the language of new audiovisual media and knows professional terminology, also in English.	[SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW3] text preparation/written work [SW5] implementation of a problem task
	[PFAL3_K01] Understands the need to constantly deepen and update professional qualifications in film production, especially actively following changes in this area.	He/she understands the need to constantly deepen and update professional qualifications in film production, including in particular active monitoring of changes in the field of new technologies.	[SK1] oral statement/conversation/discussion [SK2] presentation/project/paper/report [SK3] text preparation/written work [SK5] implementation of a problem task [SK6] demonstration of practical skills
	[PFAL3_U01] He/she has the ability to recognize the specificity of an audiovisual project.	He/she has the ability to recognize the specifics of an audiovisual project in the field of new media technologies.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU3] text preparation/written work [SU4] test/exam - oral or written [SU5] implementation of a problem task
	[PFAL3_U02] He/she can adapt the project to the specifics of the audiovisual market.	He/she is able to adapt a project in the field of new technologies in the media to the specifics of the audiovisual market.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU3] text preparation/written work [SU5] implementation of a problem task [SU6] demonstration of practical skills
	[PFAL3_W02] He/she has knowledge of the history and present of audiovisual media.	Student has knowledge of new media and audiovisual technologies.	[SW4] test/exam - oral or written [SW1] oral statement/conversation/discussion [SW2] presentation/project/paper/report [SW3] text preparation/written work [SW5] implementation of a problem task
	[PFAL3_U15] Developing his professional skills, he/she uses modern information technologies, multimedia and the Internet.	To develop his/hers professional skills, he/she uses the latest information technologies, multimedia and the Internet.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU3] text preparation/written work [SU5] implementation of a problem task [SU6] demonstration of practical skills
	[PFAL3_U08] Can prepare the initial stage of audiovisual production.	He/she is able to prepare the initial stage of audiovisual production using new media technologies.	[SU1] oral statement/conversation/discussion [SU2] presentation/project/paper/report [SU3] text preparation/written work [SU5] implementation of a problem task [SU6] demonstration of practical skills
Subject contents	New technologies in cinema and television, including: changes in screen resolutions; image standards; 3D effects; 4DX; VR; digitization of cinemas and television; HDR; 48 frames per second and above; motion capture; cinema LED; new sound systems; 4K transmissions; blue and green box; HDTV; IMAX; DMR process; digital reconstruction of a film image; modern film cameras and their accessories.		

Prerequisites and co-requisites			
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	active participation in classes	80.0%	20.0%
	conversation or written test with open-ended questions	51.0%	80.0%
Recommended reading	Basic literature	Lack of literature studied by the student.	
	Supplementary literature	Non	
	eResources addresses		
Example issues/ example questions/ tasks being completed	1. Please describe the changes in image formats and their impact on the development of audiovisual messages. 2. How is high-definition Internet video transmission? 3. How does a greenbox work and how can it be used in audiovisual production?		
Work placement	Not applicable		

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