

	<b>UNIVERSITY OF NOVI SAD</b> <b>FACULTY OF TECHNICAL SCIENCES</b>	
<b>COURSES IN ENGLISH</b>		

<b>Course:</b>	Architectural Visualization				
Course code:	AD0002				
ECTS credits:	7				
Lecturers:	Stojaković Vesna				
<b>Number of classes(per week)</b>					
Lectures: 3	Practice: 0	Other forms of classes: 2	Academic research: 0	Other: 1	
<b>Prerequisite courses:</b>					
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<b>1. Educational objectives:</b>					
Enabling the students to to generate and visualize architectural scene by using various digital techniques.					
<b>2. Educational outcomes (acquired knowledge):</b>					
To apply acquired knowledge in the further educational process and professional work.					
<b>3. Course content/structure:</b>					
Visual perception and visualization. Advanced techniques in graphics processing digital images. A critical study of architectural visualization types by purpose and manner of presentation. Examples of different approaches to modeling and representation in relation to the different goals of presentation. Techniques visualization, animation techniques, video post-production techniques, real-time Web3D, Quick Time VR scenes. Optimization of presentation for the web and auditory display. The application of software tools for preparation of presentation: 3ds Max, V-Ray, Adobe After Effects, Adobe Dreamweaver.					
<b>4. Teaching methods:</b>					
Lecture exercises to be held in computer laboratory. Consultations. Parts of the subject that form logical units are to be examining in two tests. Tests are performed in the computer lab. A student has gained the conditions for the next test if in the previous acquires at least 30% of the points. For a student to pass the exam, in addition to other requirements, he or she must have at least 30% of the points from each of two tests. Exam result is based on attendance of lectures and exercises and test rates.					
<b>Knowledge evaluation (maximum number of points 100)</b>					
Pre-exam assignments	Compulsory	Points	Final examination	Compulsory	Points
Complex Exercises	YES	70	Practical part of the exam-tasks	YES	30
<b>Literature</b>					
<i>H. Sondermann, Photoshop in architectural graphics,(2009), Springer Vienna Architecture</i> <i>M. Kuhlo, E.Eggert, Architectural, Rendering with 3ds Max and V-Ray,(2010),Elsevier</i> <i>F. Legrenzi, VRay- The Complete Guide, Industrie Grafiche Stilgraf, (2008)</i> <i>D. Brooker, M. Bousquet, 3ds Max (2010), Architectural Visualization - Advanced to Expert</i>					