

COURSE DESCRIPTION

1. GENERAL

GENERAL			
SCHOOL	MUSIC AND AUDIOVISUAL ARTS		
DEPARTMENT	AUDIO AND VISUAL ARTS		
LEVEL	Undergraduate		
COURSE CODE	VIS531	SEMESTER	5 th
COURSE TITLE	Professional Photography I		
INDEPENDENT TEACHING ACTIVITIES		WEEKLY TEACHING HOURS	ECTS
Lab Lecture		3	5
COURSE CATEGORY	Specific Background		
COURSE TYPE	Elective		
PREREQUISITES	VIS231		
LANGUAGE OF TEACHING and EXAMINATIONS	Greek		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	YES (In English)		
URL	https://avarts.ionio.gr/en/studies/undergraduate/courses-descriptions/vis531/		
ECLASS			

2. TEACHING RESULTS

Teaching Results
Knowledge of basic digital technology theory. Handling of digital editing. Development of photography's visual handling. Development of criteria for a succesful presentation of personal work
General Skills
<ul style="list-style-type: none"> • Seek, analyze and synthesize data • Autonomous work • Team work • Project design and management • Freedom of thought

3. CONTENT

The course deals with digital photography. Basic functions of digital image (digital sensor, exposure techniques, digital editing) are introduced both from a theoretical as well as a technical point of view through digital editing assignments (color balance, retouche, perspective correction, scanned image, HDR image). The course deals as well with photography's general visual handling by means of elaboration of a personal project (color image) throughout the semester. Presentations and group critiques with regard to the latter are brought out, together with the presentation of important photographers' color work. The students are also asked to organize their own work in form of a portfolio

1st Week: Introduction to the course's syllabus and aims

2nd Week: Lenses, focal distances and film/sensor size ('crop' factor). Focal distance and Depth of Field

3rd Week: Color and its reproduction through film and digital sensor. Pixels and Bits. Light levels and color channels. Light metering with regard to film/sensor. Light's cold/warm hue (Kelvin temperature)

4th Week: Presentation of important photographers' color work. Discussion

5th Week: Projection and analysis of cinema movie with regard to color handling. Discussion

6th Week: Digital image's size and resolution. Image quality, number of pixels and bits (bit depth). Digital image file formats. Digital Noise. ETTR.

7th Week: Computer screen's color adjustment. Demonstration of digital image editing (color balance, retouche, portrait). Presentation of important photographers' color work. Discussion

8th Week: Presentation and group critique of students' personal color projects

9th Week: Histogram handling. Linear capture and final picture tonal range (gamma 1,8-2,4). Color models and color

spaces. Presentation of important photographers' color work. Discussion
10th Week: Projection and analysis of cinema movie with regard to color handling. Discussion
11th Week: Demonstration of digital image editing (perspective correction, scanned image, HDR image). Presentation of important photographers' color work. Discussion
12th Week: Presentation and group critique of students' portfolios and personal color projects
13th Week: Presentation and group critique of students' portfolios and personal color projects

4. TEACHING AND LEARNING METHODS - EVALUATION

TEACHING METHOD	Lectures										
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Enhanced by multimedia content. The learning process is supported by the asynchronous e-learning platform e-class.										
TEACHING STRUCTURE	<table> <tr> <td>Activity</td><td>Semester Workload</td></tr> <tr> <td>Lab Lectures</td><td>39</td></tr> <tr> <td>Literature Study and Analysis</td><td>56</td></tr> <tr> <td>Practice and Preparation</td><td>30</td></tr> <tr> <td>Course Total (ECTS: 5)</td><td>125</td></tr> </table>	Activity	Semester Workload	Lab Lectures	39	Literature Study and Analysis	56	Practice and Preparation	30	Course Total (ECTS: 5)	125
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Lab Lectures	39										
Literature Study and Analysis	56										
Practice and Preparation	30										
Course Total (ECTS: 5)	125										
EVALUATION OF STUDENTS	Evaluation of digital editing assignments, image analysis assignments, personal portfolio, personal photographic project and final written test										

5. BIBLIOGRAPHY

Bruce Fraser (2005). *Camera Raw*. USA: Peachpit Press

Uwe Steinmüller & Jürgen Gulbins (2010). *The Digital Photography Workflow Handbook*. EU: DOP/ Steinmüller Photo.

Jeff Schewe (2013). *The Digital Negative*. USA: Peachpit Press

Panajotis Papadimitropoulos (2013). *Journal Parisien*. Thessaloniki: Thermaikos Books