

DESCRIPTION AND SYLLABUS

Name of the subject in Hungarian:	Media Laboratory Practice 1.
Name of the subject in English:	Media Laboratory Practice I.
Credit value of the subject:	5
The code of the subject in the electronic study system:	BN-MEDLP1-05-GY
Classification of the subject:	Obligatory
Language of instruction (in case of non-Hungarian courses):	English
Institute or department responsible for the subject:	-
Course type and number of contact hours:	Practical, class per week: 4, class per semester: 0
Mode of study: (Full-time / Part-time):	Full-time training
The semester in which the subject is open for registration:	2022/2023 1st semester
Prerequisite(s):	-

THE PURPOSE OF THE SUBJECT, LEARNING OUTCOMES:

The purpose of the course is to acquire technical knowledge (software knowledge and skills), creative skills (design skills) and artistic mastery (aesthetic approach) of media design specific elaboration of technical imagery at a basic level. As a result of completing the course, the student is able to recognize, analyze, understand, apply and conceptualize the professional contents, technical experience, and his/her acquired creative abilities in the field of media design specific elaboration of technical imagery at a basic level.

SUMMARY OF THE CONTENT OF THE SUBJECT

We will learn about the visual appearance and behavior of shapes and materials in space, as well as their reproduction and simulation in software. Learning the basic use of Autodesk 3DS Max and V-Ray, covering the following areas: 3D modeling, texturing, lighting, camera management and rendering.

STUDENT'S TASKS AND PLANNED LEARNING ACTIVITIES:

Successful understanding and reproduction of the relationship between shapes and light. Active and creative participation in class work and group assignments. Adherence to the deadlines and complete submission of the assigned homework. Submitting the end-of-year complex task according to the description, using what was learned in class and individual competencies.

EVALUATION OF THE SUBJECT:

Semester grades:

5

completion of mandatory tasks, active class participation, meeting deadlines, creative solution to the assigned task

4

completing mandatory tasks, attending classes

3

partial completion of mandatory tasks and/or active class participation

2

attending classes and/or completing assignments partially

1

incomplete completion of mandatory tasks and/or incomplete participation in classes

*the complete absence of assigned assignments and/or the complete absence of attendance at classes does not make it possible to complete the course

OBLIGATORY READING LIST:

- Birn, Jeremy: *[Digital] lighting & rendering*. New Riders, c2006
- Murdock, Kelly L.: *3ds max 2012 bible*. Wiley Publishing, Inc., 2011
- Kepes Gyorgy: *Language of Vision*, Literary Licensing Llc, 2012,
https://www.enbook.hu/catalog/product/view/id/3514470?gclid=CjwKCAjwsMGYBhAEEiwAGUXJaZzTiV4Qpud6mmGxoC1-AQAvD_BwE