| Course Title | | | | |
|---|---|---|---|---|
| Digital workflow | | | | |

| Course | Leaders | | and | Contacts |
|---|---|---|---|---|
| Balázs Máté mate.balazs@gmail.com | | | | |

| Code | Place in web | Semester | Credit | |
|---|---|---|---|---|
| B-SZ-301-MI-232401-01<br>M-SZ-301-MI-20222301-10<br>M-SZ-E-201-MI-20222301-01 | BA and MA | BA2, BA3, MA1, MA2 | 5 | **Contact hours** 24<br>**Individual work** 126 |

| Connected codes | Type: seminar practice | Optional course: Yes | Precondition if optional: |
|---|---|---|---|
| | | | |

**Course Connections (preconditions, synchrony)**

Precondition: -
Synchronism: -

**Goal of the Course**

In this course, you will not only learn about how to use your tools and devices but acquire a mindset which helps you find the most suitable and efficient way to implement your ideas. Due to the constant improvement of technology, new tendencies and approaches are forming in photography. We need to prepare and learn to adapt our attitude to respond to the latest advancements. To do this, you will get acquainted with the fundamentals of digital image processing and retouching through lectures and exercises.

**Themes and Problems Addressed in the Courses**

DIGITAL WORKFLOW

1. **INTRODUCTION**

Course participants get acquainted through 5-minute presentations and a level assessment introduction. Introductory conversation to assess the students' knowledge, experience and interest.

2. **LECTURE: Workflow & Tethered shooting / GROUPS & ASSIGNMENT**

Lecture: the importance of your workflow from shooting to print.

- what is a tethered photoshoot?
- why use a separate software for RAW developing
- Camera Raw
- Lightroom
- Capture One
- general tools for editing an image
- understanding histogram, levels, curves, white and colour balance
- gamma, brightness, exposure?
- learning to express and define a technical problem of an image

Participants form groups and receive their course assignments.

3. **GROUP 1: TETHERED SHOOTING**

Tethered shooting in the studio.
Class lasts until 17:30.

### 4. GROUP 2: TETHERED SHOOTING

Tethered shooting in the studio.
Class lasts until 17:30.

### 5. GROUP 3: TETHERED SHOOTING

Tethered shooting in the studio.
Class lasts until 17:30.
Deadline: Group 1 submits all RAW images for final composite.

### 6. LECTURE & GROUP 1: RETOUCHING

- What is a non-destructive workflow?
- Layers, blending modes
- Adjustment layers
- Smart objects
- Selecting, masking, path

Deadline: Group 2 submits all RAW images for final composite.

### 7. LECTURE & GROUP 2: RETOUCHING

- retouching
- healing brush, clone stamp
- content-aware
- liquify
- frequency separation

Deadline: Group 2 submits all RAW images for final composite.

### 8. LECTURE & GROUP 3: RETOUCHING

- how to adjust different images to colour match
- how to blend parts into each other

### 9. LECTURE: How to print an image

- papers, colour gamuts, technologies
- Offset, digital print, giclee print,
- special prints: UV print, sublimation, etc
- Proofing and colour correcting
- DPI resolution
- colour gamut

### 10. FINAL RETOUCH / Q & A

Final retouch of all groups' images.
Preparation for printing.
Q & A

### 11. PROOFING & PRINTING

Printing all groups' images in the print studio (LFP)

### 12. LECTURE: Storing files, archiving / Q & A

- storing and handling your files
- Digital standards, formats

**Resources**

Capture One Webinars:
https://learn.captureone.com/webinars/
https://www.youtube.com/c/CaptureOneDK/videos

Official Adobe Tutorials:
https://helpx.adobe.com/hu/photoshop/tutorials.html

**Participant's**                                             **Responsibilities**

During the semester, you will have to work in groups and produce one or a small series of composite images, starting from the idea, producing the image in the studio via tethered shooting, retouching it and printing in high quality, with maximum consciousness and control throughout the whole creative process.

**Evaluation**

In five-point grading system based on:
1. Active participation in the lectures
2. Quality of the idea and outcome of the group task