

Name	<b>Digital Workflow</b>
Codes	M-SZ-E-301-FS-252602-18 / B-SZ-401-FS-252602-18
Host	Future School
Location	Classroom/Studio or workshop/ External venue/ Online

Course info			Subject info			
Course Type	Contact hours	Home study hours	Comprehensive Subject	Subject type	Semester	Subject credit value
seminar	24	36	-	seminar	-	5

Recommendation
This course is for you if you want to deepen your photographic practice by combining technical proficiency with creative adaptability. You will learn the essentials of digital image processing and retouching while developing an open, forward-thinking mindset to translate your ideas effectively in today's evolving visual landscape.

Short description
In this photography-focused 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.

Teachers				
Name	Contact information	Teaching hours	Short BIO	Open hours
Balázs Máté	mate.balazs@gmail.com	24		

Course scheduling			
Course format		Weekly class appointments	
E.g. group and individual work according to a pre-announced schedule		M_212 or Filmstudio	
Details of each session's type and schedule, showing the teacher's role			
Week	Date	Weekly educational content	Studio/workshop
1	February 19	INTRODUCTION / GROUPS & ASSIGNMENT	M_212

		<p>Course participants get acquainted through 5-minute presentations and a level assessment introduction.</p> <p>Introductory conversation to assess the students' knowledge, experience and interest.</p> <p>Participants form groups and receive their course assignments.</p>	
2	March 5	<p>LECTURE: Workflow &amp; Tethered shooting</p> <p>Lecture: the importance of your workflow from shooting to print.</p> <ul style="list-style-type: none"> <li>●</li> <li>● What is a tethered photoshoot?</li> <li>● Why use a separate software for RAW developing</li> <li>● Camera Raw</li> <li>● Lightroom</li> <li>● Capture One</li> <li>● General tools for editing an image</li> <li>● Understanding histogram, levels, curves, white and colour balance</li> <li>● Gamma, brightness, exposure?</li> <li>● Learning to express and define a technical problem of an image</li> </ul>	Filmstudio
3	March 12	<p>LECTURE: Workflow</p> <p>Visit at an Art Print Lab.</p> <ul style="list-style-type: none"> <li>● Importance of a workflow</li> <li>● Colour calibrating your devices</li> <li>● Colour gamuts</li> <li>● Digital standards, file formats, RAW images</li> <li>● DPI resolution</li> </ul> <p>Groups present their ideas &amp; moodboards for the shootings.</p>	M_212
4	March 19	<p>GROUP 1 TETHERED SHOOTING</p> <p>Double class in the Filmstudio.</p>	Filmstudio
5	April 2	<p>GROUP 2 &amp; 3 TETHERED SHOOTING</p> <p>Double class in the Filmstudio.</p>	Photostudio
6	April 9	<p>LECTURE &amp; GROUP 1: RETOUCHING</p> <ul style="list-style-type: none"> <li>- What is a non-destructive workflow?</li> <li>- Layers, blending modes</li> </ul>	M_212

		<ul style="list-style-type: none"> <li>- Adjustment layers</li> <li>- Smart objects</li> <li>- Selecting, masking, path</li> </ul>	
7	April 16	<p>LECTURE &amp; GROUP 2: RETOUCHING</p> <ul style="list-style-type: none"> <li>● Retouching</li> <li>● Healing brush, clone stamp</li> <li>● Content-aware</li> <li>● Liquify</li> <li>● Frequency separation</li> </ul> <p>Deadline: Group 2 submits all RAW images for final composite.</p>	M_212
8	April 30	<p>LECTURE &amp; GROUP 3: RETOUCHING</p> <ul style="list-style-type: none"> <li>● how to adjust different images to colour match</li> <li>● how to blend parts into each other</li> </ul>	M_212
9	May 7	<p>10. FINAL RETOUCH / Q &amp; A</p> <p>Final retouch of all groups' images. Preparation for printing.</p> <p>LECTURE: How to print an image</p> <ul style="list-style-type: none"> <li>● papers, colour gamuts, technologies</li> <li>● Offset, digital print, giclée print,</li> <li>● special prints: UV print, sublimation, etc</li> <li>● Proofing and colour correcting</li> <li>● DPI resolution</li> <li>● colour gamut</li> </ul>	M_212

Course completion requirements, prerequisites, and evaluation				
Students' duties				
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.				
Requirements, assignments	Form of evaluation	Evaluation criteria	Deadline	% in evaluation

1. Active participation in the lectures	Five-point grading system and consultation	Five-point grading system based on: 1. Active participation in the lectures		50%
2. Quality of the idea and outcome of the group task	Five-point grading system and consultation	2. Quality of the idea and outcome of the group task		50%
3. Quality & result of the retouching of 2 chosen group images		3. Quality & result of the retouching of 2 chosen group images		

**General requirements**

Students are expected to arrive on time and attend classes regularly. Active participation during sessions is required, as the course is practice-oriented and builds on in-class demonstrations and discussions. Participants must handle all technical equipment and studio facilities responsibly and with care.

Eligibility:

The course is open to applicants with prior experience in photography. As the content is specifically designed for photographers, a basic understanding of photographic practice and digital image-making is required. The course focuses on photography-specific digital workflows

**Course materials and literature**

**Mandatory literature**

**Course notes and presentations**

**Recommended literature**

**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>

**Learning outcomes**

Knowledge	You get to know the creative process, which has a completely independent theme, but is supported by individual consultations. / They understand the different phases of the creative process and how they are realized in his own creative work.
Skills	This course develops technical photography skills, including tethered shooting, RAW processing, and efficient digital workflows. Students learn to edit and evaluate images using tools such as Camera Raw, Lightroom, and Capture One while mastering histograms, levels, curves, color balance, and exposure controls. They also gain the ability to identify and articulate technical problems in images and adapt their methods to evolving photographic technologies.
Attitude	This course cultivates an adaptive and curious attitude toward evolving photographic technologies. Students learn to approach problems with flexibility, experimentation, and a willingness to refine their workflow. They develop the mindset to choose tools purposefully and respond creatively to new trends and technical challenges.
Autonomy and Responsibility	Students develop autonomy by learning to independently navigate tools, troubleshoot technical issues, and make informed decisions about their photographic workflow. They gain responsibility through managing their projects from concept to final output and maintaining professional digital practices. This attitude encourages accountability, self-direction, and consistent creative growth.

<b>Exemption</b>
<b>No exemption may be granted from participation in or completion of the course.</b> Exemption may be granted from completing certain tasks or attending specific sessions. Certain tasks may be replaced by equivalent activities. Full exemption may be granted
The student must discuss the details of a full or partial exemption with the instructor and the programme lead.

<b>Curricular connections</b>		
Subject	Parallel courses	Course proportion in subject
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Subject prerequisites	Special subject prerequisites	Is it available as an elective?
		Yes

<b>Guidelines and rules for the use of artificial intelligence in the course</b>
The use of artificial intelligence at the university is subject to the Artificial Intelligence and Plagiarism Policy of the Moholy-Nagy University of Arts.

<b>Materials needed for the course</b>	<b>Who provides the materials?</b>
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Material requirement 1	Tech Park / Programme / Student / Other
Material requirement 2	Tech Park / Programme / Student / Other

<b>Other information, comments</b>
<p>This course, and the activities carried out during it, fall under the scope of Section 6 (1) of the University's Intellectual Property Management Regulations, effective September 1, 2021. Accordingly, participating students will enter into an agreement with the University in line with Section 6 (3) of the Regulations, including the transfer of economic and usage rights of intellectual creations produced during the course to the University under the terms specified in the contract. Furthermore, the student is obligated to maintain full confidentiality regarding the entire course—especially concerning the subject of the course, the activities, the works, creations, and other results, as well as the circumstances of their creation—and may not disclose, publish, or make any information public, except as otherwise specified in a signed written agreement necessary for completing the course.</p> <p>Acceptance of these conditions is a prerequisite for enrolling in the course. By selecting the 'Course Registration' option, the student acknowledges awareness of these conditions and agrees to participate in the conclusion of the relevant agreement.</p>