

Course Title: <b>Print &amp; More – Printing Technology</b> Schedule: Location: Graphics Workshop, T_111				
Instructors: Boldizsár Tóth, József Szili <a href="mailto:szili.jozsef@mome.hu">szili.jozsef@mome.hu</a>				
Kód: <b>ER-TECHPARK-252601-01</b>	Tantervi hely:	Javasolt félév: 1, 2	Kredit: 5	Tanóraszám: 32 Egyéni hallgatói munkaóra: 16
Kapcsolt kódok:	Típus: (szeminárium/ előadás/gyakorlat/ konzultáció stb.)	Szab.vál- ként felvehető -e?	Szab.vál. esetén előfeltételek:	sajátos
<b>Course Prerequisites &amp; Relations</b> The course is available <b>only for ERASMUS students</b> and serves as a foundational subject in the first year of the program.				
<b>Course Objectives</b> The course provides MA Graphic Design students with a comprehensive overview of the technical foundations of printed media, essential for professional independence and creative work with print. Students will acquire basic knowledge of printing industry processes and techniques, and gain familiarity with key concepts. Through typesetting and typographic practice, they will refine their design skills, while learning the fundamentals of bookbinding enables them to understand and apply the full production process of printed products.				
<b>Learning Outcomes</b> Knowledge <ul style="list-style-type: none"> <li>Has fundamental and comprehensive knowledge of various printing technologies, including industrial processes, typographic systems, and bookbinding basics.</li> <li>Understands both historical and contemporary reproduction technologies and their applications in graphic design.</li> </ul> Skills <ul style="list-style-type: none"> <li>Can make informed choices between different printing methods and apply them in design practice.</li> <li>Applies technological knowledge throughout all stages of design and production (typography, color management, paper selection, binding solutions).</li> <li>Can independently execute complex publication designs intended for print, considering production and quality requirements.</li> </ul> Attitude <ul style="list-style-type: none"> <li>Open to both traditional and contemporary reproduction methods, curious about diverse printing solutions.</li> <li>Committed to producing high-quality graphic works, aiming to creatively exploit technological opportunities.</li> <li>Values the materiality and cultural role of printed media, striving for contemporary reinterpretations.</li> </ul> Autonomy and Responsibility <ul style="list-style-type: none"> <li>Independently prepares and executes print and reproduction projects, making relevant technological decisions.</li> <li>Takes responsibility for design decisions, especially regarding professional and quality standards in production.</li> <li>Actively participates in workshops, factory visits, and professional lectures, integrating experiences into design practice.</li> </ul>				

### **Course Topics**

The following printing techniques will be introduced and practiced:

- Letterpress printing
- Offset printing
- Gravure printing
- Screen printing
- Lithographic printing
- Risograph printing
- Digital printing
- Special/experimental printing methods

The course relies heavily on the equipment and machines available in the Graphics Workshop, which students will learn to operate.

-

### **Teaching and Learning Methods**

Planned student number: 6–12

The course combines theoretical instruction with practical demonstrations and exercises in the workshop and printshop. Each printing technique is examined in detail, addressing:

- Historical origins and future prospects
- Required preparation for each process
- Step-by-step printing procedure
- Characteristics of the resulting prints
- Common errors and troubleshooting
- Post-processing requirements
- Achieving high-quality results

### **Student Tasks & Assignments**

Students will complete weekly workshop assignments under the instructors' guidance.

Examples of practical tasks:

- Paper: Handmade papermaking exercise
- Typesetting: Hand composition of text
- Printing: Proofs from hand-set type
- Wood type: Poster composition and printing
- Intaglio printing: Preparing an intaglio plate and printing
- Screen printing: Creating a screen and printing on textile
- Risograph: Collage design and printing
- Lithography: Preparing a lithographic plate and printing
- Bookbinding: Hard-cover book production (2 sessions)

All equipment is used in compliance with health and safety regulations.

### **Learning Environment**

- **Location:** MOME TWO, Graphics Studio (T\_111)
- **External visits:**
  - Printing house visit: Oláh Printing, Csepel
  - Museum visit: Kiscell Museum

### **Assessment**

**Requirements:** Completion of workshop assignments and active participation.

**Evaluation methods:**

- Quality of practical work
- Creative engagement during sessions

**Grading criteria:**

- Participation & attendance: 15%
- Professional quality: 50%
- Creative content: 35%

**Final grade scale:**

- 91–100%: Excellent
- 81–90%: Good
- 71–80%: Satisfactory
- 61–70%: Pass
- 0–60%: Fail