

Name	Print & More – Printing Technology
Codes	ER-TEHPARK-252602-01
Host	TechPark
	The course is available only for ERASMUS students
Location	MOME TWO, T_014

Subject info					
Course Type	Contact hours	Comprehensive Subject	Subject type	Semester	Subject credit value
Term mark	48		Elective	2026/2	5

Recommendation
The course is primarily intended for Graphic Design students and provides a comprehensive overview of the technical foundations of printed media, essential for professional independence and creative work with print.

Rövid leírás
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.

Teachers		
Boldizsar Tóth		bbbboldizsar@gmail.com
József SZili		szili.jozsef@mome.hu

Course scheduling	
Course format	Weekly class appointments
Group and individual consultations according to a pre-announced schedule and <u>workshops</u>	Tuesday, 13:40-16:00

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: 6–14

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_014)

Learning Outcomes

Knowledge

- Has fundamental and comprehensive knowledge of various printing technologies, including industrial processes, typographic systems, and bookbinding basics.
- Understands both historical and contemporary reproduction technologies and their applications in graphic design.

Skills

- Can make informed choices between different printing methods and apply them in design practice.
- Applies technological knowledge throughout all stages of design and production (typography, color management, paper selection, binding solutions).
- Can independently execute complex publication designs intended for print, considering production and quality requirements.

Attitude

- Open to both traditional and contemporary reproduction methods, curious about diverse printing solutions.
- Committed to producing high-quality graphic works, aiming to creatively exploit technological opportunities.
- Values the materiality and cultural role of printed media, striving for contemporary reinterpretations.

Autonomy and Responsibility

- Independently prepares and executes print and reproduction projects, making relevant technological decisions.
- Takes responsibility for design decisions, especially regarding professional and quality standards in production.
- Actively participates in workshops, factory visits, and professional lectures, integrating experiences into design practice.

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