

Course Title: Technology Course at the TechPark		
Location: Metal Workshop, 0_101		
Instructors: Zsolt Horváth // horvath.zsolt@stud.mome.hu		
Course code: ER-TC-101-TP-252602-01	Contact hours: 36	credit: 5
Tuesdays from 9:00 to 12:00.	24 contact hours, 12 individual hours (consultation sessions and individual work)	
Course Prerequisites & Relations		
The course is available only for ERASMUS students		
<p>A workshop technology class will start with a minimum of 4 and a maximum of 6 students enrolled.</p> <p>A student may register for a single workshop.</p> <p>Technology Course – Workshop Selection Form – Űrlap kitöltése</p>		

METAL WORKSHOP
1. class – Workshop Guide (02/17)
Goal: The Students are getting familiar with the metal workshop – rules – safety – layout – tools and machines – communication.
<ul style="list-style-type: none"> ● Spaces of the Metal workshop and their functions - tour ● Work and Fire Safety rules and principles ● Communication in the workshop: What is a „workshopsketch? How to ask for help?
<ul style="list-style-type: none"> ● Technical drawing – drafting basics ● Marking and Measuring tools – use and user errors ● Group consultation about the following sessions
2. class – Material properties, Know-how's (02/24)
Goal: The Students are obtaining hands-on experience in the basics of metalwork, and getting familiar with different technological processes.
<ul style="list-style-type: none"> ● Spaces of the Metal workshop and their functions - work ● Application of materials and tools 101 – executing simple tasks safely ● Base technologies: cutting, manual shaping, drilling, polishing, annieling, sawing, filing
3. class – Soldering and Wax (03/03)
Goal: Through making of simple objects, the Students apply their knowledge in applied format, creating rings and sculptural artifacts.

- Ring with hard-solder – surfacing – precise fitting – methods of soldering
- Spatial small composition with soft-solder – creating jigs and supports for soldering
- Working with Wax – types – possibilities - scail
- Short group consultation about the following sessions

4. class (03/10)

- Working on your own project with supervising

5. class (03/17)

- Working on your own project with supervising

6. class (03/24)

- Working on your own project with supervising