

Name

Web Coding Basics for Designers - Student-led Course
 Classroom ☐
 Studio or workshop ☐
 External venue ☐
 Online ☐

Codes

 M-KF-E-301-FS-252601-19
 M-KF-301-FS-252601-19

Host

Future School

| | Type | ECTS | Contact hours | Student work | Course type | Semester | Unit |
|------------|-----------|------|---------------|--------------|-------------|----------|----------|
| Basic info | Term mark | 5 | 22 | 128 | Workshops | Fall | Elective |

Recommendation

Anyone, who wants to get a better understanding of information technologies and get more familiar with coding. Prior experience isn't needed. This is a course run by MOME students for MOME students.

Short Description

This course offers students an introduction to creative coding, focusing on building confidence with interactive and responsive web design. Students will explore foundational web technologies like HTML, CSS, and JavaScript, learn how the internet works, and use tools like GitHub to organize and share their work. The course encourages a hands-on, supportive approach to solving coding challenges and applying creative thinking.

By the end of the course, participants will have developed a simple website, which can be their own portfolio, to showcase their growing skills in a way that reflects their work and learning journey.

Teachers

| Name | Contact information | Short bio | Open hours |
|----------------|-----------------------------|-------------------------------|------------|
| Törő Nina | toro.anna.nina@stud.mome.hu | Web and application developer | |
| Tamás Fogarasy | Fogarasy@mome.hu | Head of Programme, IxD MA | |

Semester schedule

| Course scheduling | Weekly class appointments |
|-------------------|---------------------------|
| | |

| # | Date | Weekly educational content | Topics |
|----|--------|---|--------|
| 1 | Sep 5 | No Class | |
| 2 | Sep 12 | How the Internet Works & Introduction to Coding | |
| 3 | Sep 19 | HTML Fundamentals | |
| 4 | Sep 26 | CSS Fundamentals | |
| 5 | Oct 3 | Javascript Basics 1 | |
| 6 | Oct 10 | Javascript Basics 2 | |
| 7 | Oct 17 | Course Week | |
| 8 | Oct 24 | No Class | |
| 9 | Oct 31 | GitHub and Version Control | |
| 10 | Nov 7 | Searching for Solutions | |
| 11 | Nov 14 | Advanced Interactivity | |
| 12 | Nov 21 | Polishing and Deploying the Portfolio | |
| 13 | Nov 28 | Peer Review and Final Tweaks | |
| 14 | Dec 5 | | |

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|----|--------|-------------------------------------|--|
| 15 | Dec 12 | Final demonstrations and evaluation | |
|----|--------|-------------------------------------|--|

| Requirements and evaluation | Assignments | Evaluation criteria | Deadline | % in evaluation |
|-----------------------------|-------------------------|--|----------|-----------------|
| | Homework | Homework assignments will involve creating simple components of the portfolio website. Additionally, students will engage with educational coding games and watch recommended tutorials. | | 50 |
| | Project deliverables | Students will be required to create a portfolio website. | | 40 |
| | Individual contribution | Effectively replicate the tasks in class. | | 10 |
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| Compulsory readings |
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|----------------------|
| Recommended readings |
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| Learnings | Knowledge | ... |
|-----------|----------------|--|
| | Skills | Students will acquire the skills to build interactive and responsive web components by applying fundamental web technologies like HTML, CSS, and JavaScript, while also gaining a deeper understanding of information technologies and how the internet works. |
| | Attitude | The course fosters technical proficiency while providing opportunities for creative exploration, especially within the context of homework assignments and the final project. |
| | Responsibility | Students will take responsibility for completing assignments, participating in classwork, and effectively presenting the final web project |

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|-----------|--|
| Exemption | <input checked="" type="checkbox"/> Exemption from attending and completing the course cannot be granted |
| | <input type="checkbox"/> Exemption may be granted from the acquisition of certain competencies and the fulfilment of tasks |
| | <input type="checkbox"/> Some tasks can be substituted with other activities, |
| | <input type="checkbox"/> A full exemption can be granted |

| Curriculum connections | Unit | Parallel courses | Course proportion in unit |
|------------------------|----------|------------------|---------------------------|
| | Elective | | |

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| Course prerequisites | Is it available as an elective? | Prerequisites in case of elective |
|----------------------|---------------------------------|-----------------------------------|
| | Yes | - |

Misc.
information