

Design Process 1

Introduction to Creative Coding with p5.js

Angebot für

Bisheriges Studienmodell > Design > Master Design > Interaction Design > 1. Semester

Nummer und Typ	MDE-VIA-B-1000.04.23F.001 / Moduldurchführung
Modul	Design Process 1
Veranstalter	Departement Design
Leitung	Paulina Zybinska Luke Franzke Stella Speziali
Zeit	Di 14. März 2023 bis Di 9. Mai 2023
ECTS	4 Credits
Voraussetzungen	For DDE Master Interaction Design students: None ZHdK students from other courses who are interested in this module can contact Paulina Zybinska in order to discuss possibilities for joining the module.
Lehrform	During the course, we will use OpenProcessing platform to get familiar with rules that define the structure of JavaScript language. We will particularly focus on p5.js, i.e. JavaScript library for creating coding.
Zielgruppen	Pflichtmodul 1. Semester Master of Arts in Design, Vertiefung Interaktion
Lernziele / Kompetenzen	Students will: - learn the history of Creative Coding - gain basic knowledge about programming in JavaScript - explore Creative Coding libraries (p5.js, p5.sound, etc.)
Inhalte	Day 1: Introduction to Programming, Variables, Random Numbers Day 2: Functions, Conditionals Day 3: Loops, Arrays, Introduction to Individual Project Day 4: Individual Project, Short Presentation
Bibliographie / Literatur	Useful links for further study will be published on Paul course page.
Leistungsnachweis / Testatanforderung	Active and regular attendance (min. 80%); practical course work; presentation.
Termine	21.03.2023 - 24.03.2023 04.04.2023 11.04.2023 18.04.2023 - 21.04.2023 02.05.2023 09.05.2023 09:00-17:00
Bewertungsform	bestanden / nicht bestanden
Bemerkung	The module is taught in English, but individual mentoring can be held in German.