Digitalhandwerk

Winter

(engl. Digital craft)

Modulnummer: FIN-INF-120535

Kürzel	CP	Semester	Fachsem.	Dauer	Sprache	Niveau
DHW	6	Winter	ab 1.	1 Semester	deutsch	Master

Link zum LSF:	LSF
Zugang beschränkt:	
Verantwortung:	Hans-Knud Arndt
Dozent:in:	Hans-Knud Arndt
Lehrveranstaltungen:	• Seminar *Digitalhandwerk* • Übung *Digitalhandwerk*
Verwendbarkeit:	- M.Sc. INF: Informatik - M.Sc. INGINF: Informatik - M.Sc. WIF: Wirtschaftsinformatik - M.Sc. WIF: Informatik - M.Sc. DKE: Applied Data Science - M.Sc. DE: Human Factors

Angestrebte Lernergebnisse:
Graduates of this module...

- examine and reflect on their personal approach to computer science
- learn about the fusion of concrete art and computer science with the ideas of the Bauhaus preliminary courses
- carry out tasks on the materialization of immaterials and vice versa
- learn about the creation of three-dimensional models
- develop independent ideas for a preliminary course in computer science

Inhalt:
As part of this course, participants gain an artistic and creative insight into computer science. They will deal with the following topics, among others:

- 3D printing and 3D scanning
- Concrete art
- Pre-courses of the Bauhaus
- Design theory
- Color theory and artistic design
- Digitization
- Didactics of computer science

Arbeitsaufwand:
56 hours attendance + 124 hours independent work

Prüfungsvorleistungen:	Studien-/Prüfungsleistungen:	Lehrform / SWS:
In order to take the exam, preliminary exam requirements must be met. Details will be announced in the first lecture.	Term paper	• 2 SWS Seminar • 2 SWS Exercise

Voraussetzungen nach Prüfungsordnung:	Empfohlene Voraussetzungen:
none	

Medienformen:	Literatur:

Hinweise:

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