IMT1431 Design Methods - Study plans 2016-2017

Course code:
IMT1431

Course name:
Design Methods

Course level:
Bachelor (syklus 1)

ECTS Credits:
10

Duration:
Autumn

Language of instruction:
Norsk, alternativt engelsk

Expected learning outcomes:
Knowledge
After having successfully completed this course, the student should:
• have an overview of the most important disciplines and methods involved in the design of digital media
• know different techniques for development of ideas and innovation
• know the most important methodologies for project management and teamwork
• have thourough knowledge about prototyping, iterative design and user testing

Skills
After having successfully completed this course, the student should be able to:
• work systematically with the development of innovative ideas and concepts for design of digital media
• work systemically with developing an idea from early sketch to "proof-of-concept"
• analyze and evaluate the creative and innovative potential of a design concept
• organize and carry out a group project in a methodic and systematic manner
• write academic reports about the student's own design work, in coherence with basic standards for academic writing

General competency
Through the work with this course, the student should develop her competency in the areas:
• innovation
• cross-disciplinary thinking
• academic writing
• teamwork

Topic(s):
• Idea creation and brainstorming
• Iterative design
• Prototyping
• Project management
• Agile design
• User involvement in design
• Academic writing
• Group dynamics and teamwork

Teaching Methods:
Essay
Lectures
Group works
Laboratory work
Mandatory assignments
Project work
Tutoring

Form(s) of Assessment:
Other

Form(s) of Assessment (additional text):
3-5 mandatory assignments to be handed in throughout the semester, are gathered in a portfolio to be handed in at the end of
the semester. Grading is done on the basis of the final portfolio.

Grading Scale:
Alphabetical Scale, A(best) – F (fail)

External/internal examiner:
Internal and external examiner.

Re-sit examination:
No re-sit.

Tillatte hjelpemidler:

Academic responsibility:
Faculty of Computer Science and Media Technology

Course responsibility:
Miriam E. Nes Begnum

Publish:
Yes