UNIVERSITY OF SKÖVDE

TRANSLATION FROM SWEDISH

COURSE SYLLABUS

Animation 4 G1F

7.5 credits

Course code: ME433G
Version number: 2
Valid from: 1 July 2022
Ratified by: Curriculum Committee for Informatics
Date of ratification: 14 October 2021

1. General information about the course

The course is provided by the University of Skövde and is named Animation 4 G1F (Animation 4 G1F). It comprises 7.5 credits and is a first-cycle course. The level of progression is G1F.

The course is a part of the main field of study in Media Arts, Aesthetics and Narration. The disciplinary domain of the course is Technology.

2. Entry requirements

The course has the following entry requirements: passed ME430G Animation 3 G1F (or the equivalent).

3. Course content

The course introduces theoretical and practical aspects of the motion capture process. The motion capture concept is discussed, and tools, recording and editing techniques are identified and applied.

4. Objectives

After completed course the student should be able to:

- identify and account for different motion capture methods,
- plan for a recording session,
- record motion capture,
- identify problematic motion capture data,
- identify methods to edit motion capture data,
- practically apply editing methods on motion capture data, and
- transfer motion capture data to animation on a 3D-character.

5. Examination

The course is graded A (Excellent), B (Very good), C (Good), D (Satisfactory), E (Sufficient) or F (Fail).

The examinations of the course consist of the following modes of assessment:

- **Assignment 1**
  3 credits, grades: G/U
- **Assignment 2**
  4.5 credits, grades: A/B/C/D/E/F (determines the final grade)

Students with a permanent disability who have been approved for directed educational support may be offered adapted modes of assessment.

6. Types of instruction and language of instruction

The teaching is comprised of workshops, lectures and supervision.

Depending on the study period, the language of instruction may be Swedish or English. Even if the teaching is conducted in Swedish, some English may still occur.

7. Course literature and other educational materials

Course Literature and Other Educational Materials

Kitagawa, M. Windsor, B. (2008). *Mocap for Artists.* Burlington: Focal Press. ISBN 978-0-240-81000-3.

Liverman, M. (2004). *The animator's motion capture guide – Organizing, Managing and Editing.*. Hingham: Charles River Media. ISBN 1-58450-291-6.

Additional texts are added according to the lecturers' instructions on the course page on the learning platform.

8. Student influence

Student influence in the course is ensured by means of course evaluation. The students are informed about the results of the evaluation and potential measures that have been taken or are planned, based on the course evaluation.

9. Additional information

The content of the course corresponds completely or partially with the following course(s) and cannot be included in the required credits of a degree qualification:

- ME131G - Introduction to Motion Capture G1F 7.5 credits

Further information about the course, as well as national and local governing documents for higher education, is available on the website of the University of Skövde.