1 Name, Scope and Level of the Course

The course is provided by the University of Skövde and is named Introduction to Motion Capture G1F. It comprises 7.5 credits and is on basic level. The level of progression of the course is G1F.

2 Objectives

After completing the course the student should be able to:

- identify 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.

3 Course Content

The course introduces theoretical and practical aspects of the motion capture process. We discuss topics like the motion capture concept, recording and editing techniques.

4 Forms of Teaching

The teaching comprises lectures, supervision and workshops.

5 Examination

The course is graded G (Pass) or U (Fail).

Registration of examination results:

<table>
<thead>
<tr>
<th>Name of examination</th>
<th>Credits</th>
<th>Grading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assignments 1</td>
<td>3 credits</td>
<td>G/U</td>
</tr>
<tr>
<td>Assignments 2</td>
<td>4.5 credits</td>
<td>G/U</td>
</tr>
</tbody>
</table>

Students with a permanent disability who have been approved for special educational support may be offered adapted or alternative examinations.

6 Admission Requirements

Prerequisite courses for this course are: Passed courses: ME135G-Animation Techniques I, Introduction course G1F (or the equivalent).

7 Subject, Main Field of Study and Disciplinary Domain

The course forms a part of the academic subject area of Media Arts, Aesthetics and Narration. The course is a part of the main field of study in Media Arts, Aesthetics and Narration at the University of Skövde. The course can also be a part of the main field of study in Media Studies. The disciplinary domain of the course is Technology.

Every course at the University of Skövde belongs to
a subject. The division of subjects is used for follow-up and quality assurance. A main field of study is an area in which a degree can be awarded. Disciplinary domain is a division which is used by the government for the allocation of resources for studies at basic level and advanced level.

8 Approval of Course and Course Syllabus
The course was approved by the The Board of Humanities and Informatics on 7 December 2009. This course syllabus was approved by the Curriculum Committee for Informatics on 21 September 2017. It is valid from 1 July 2018 and replaces the course syllabus approved 19 January 2017.

9 Overlapping with Another Course
This course cannot constitute a part of a degree also containing a course the content of which is totally or partly equivalent to the content of this course.

10 Additional Information
Further information will be available on the university’s website before a course is given.

National and local regulations for higher education are available on the university’s website.

Upon completion of the course there will be a follow-up. The main purpose of this follow-up is to contribute to improvements of the course. The students’ experiences and views constitute one of the criteria for the follow-up and are gathered by means of course evaluations. The students will be informed of the results of the follow-up and any decisions regarding actions that are to be taken.

11 Course Literature and Other Educational Materials


Additional texts are added according to the lecturers’ instructions.