1 Name, Scope and Level of the Course
The course is provided by the University of Skövde and is named Digital Visualisation G1F. It comprises 3 credits and is on basic level. The level of progression of the course is G1F.

2 Objectives
After completed course the student should be able to:

- use digital tools and software to support visualisation and communication,
- differentiate and apply several visualisation methods,
- communicate engineering ideas and data using different visualisation tools and presentation methods,
- decide on appropriate digital visualisation and presentation techniques considering aspects like goal, audience and time.

3 Course Content
The course covers the purpose and benefits of digital visualisation. Students learn basic techniques for rendering, animation and image editing, together with applying these skills to support their communication of ideas and data. Furthermore students learn to reflect on and choose appropriate visualisation strategies with consideration of goal, audience and time.

4 Forms of Teaching
The teaching comprises lectures, supervision, presentations and exercises.

The teaching is conducted in Swedish. Some teaching in English may occur.

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

<table>
<thead>
<tr>
<th>Name of examination</th>
<th>Credits</th>
<th>Grading</th>
</tr>
</thead>
<tbody>
<tr>
<td>Written assignment(^1)</td>
<td>2 credits</td>
<td>A/B/C/D/E/F</td>
</tr>
<tr>
<td>Project presentation</td>
<td>1 credits</td>
<td>G/U</td>
</tr>
</tbody>
</table>

\(^1\) Determines the final grade of the course.

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: IP324G-CAD II: Modeling and Documentation G1F (or the equivalent).

7 Subject, Main Field of Study and Disciplinary Domain
The course forms a part of the academic subject area of Integrated Product Development. The course is a part of the main field of study in Product Design Engineering at the University of Skövde. The disciplinary domain of the course is Design.
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 Curriculum Committee for Engineering Science on 10 October 2016. This course syllabus was approved by the Curriculum Committee for Engineering Science on 4 December 2017. It is valid from 1 January 2018 and replaces the course syllabus approved 8 May 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

Reference literature