



## COURSE SYLLABUS

### Final Project Work in Digital Visualization, 9 credits

*Examensarbete i Digital visualisering, 9 högskolepoäng*

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<b>Course Code:</b>	TEVM15	<b>Education Cycle:</b>	First-cycle level
<b>Confirmed by:</b>	Dean May 21, 2014	<b>Disciplinary domain:</b>	Technology (95%) and social sciences (5%)
<b>Revised by:</b>	Director of Education Oct 26, 2015	<b>Subject group:</b>	TE9
<b>Valid From:</b>	Dec 7, 2015	<b>Specialised in:</b>	G1E
<b>Version:</b>	3		
<b>Reg number:</b>	JTH 2015/3770-313		

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#### Intended Learning Outcomes (ILO)

On completion of the course, the student should

Knowledge and understanding

- demonstrate knowledge of the scientific basis in orientation Digital Visualization
- demonstrate an understanding of some applicable methods in the orientation Digital Visualization

Skills and abilities

- demonstrate an ability to search and collect relevant information to formulate answers to well defined issues in Digital Visualization
- demonstrate the ability to work independently with selected tasks in the Digital Visualization
- demonstrate the ability to write a report that meets the requirements on structure, format and language usage
- demonstrate the ability to plan and implement a structured work process based on selected methods
- show the ability to present and discuss their knowledge with different groups

Judgement and approach

- demonstrate the ability to engage into another student's work and formulate relevant and constructive criticism
- demonstrate the ability to evaluate and critically interpret scientific literature

#### Contents

An independent scientific work within the orientation Digital visualization is carried out during the course. The methodology and the knowledge that the training has given is used and further developed with a critical approach. At the end of the course the work will be presented with accompanying opposition.

The course includes the following elements:

- Description of the objective
- Project planning and choice of method
- Project Implementation
- Report writing
- Oral presentation and opposition

### **Type of instruction**

The student carries out individually or in small groups, independent research in Digital visualization.

Implementation should follow the instructions established at JTH.

The teaching is conducted in English.

### **Prerequisites**

General entry requirements and passed courses of at least 50 credits within the program Digital Visualization (or the equivalent).

### **Examination and grades**

The course is graded 5,4,3 or Fail.

Registration of examination:

Name of the Test	Value	Grading
Examination <sup>1</sup>	9 credits	5/4/3/U

<sup>1</sup> The examination includes implementation, written report, oral presentation and opposition.

### **Other information**

The work will begin after the examiner's approval. The program director may waive requirements under Prerequisites.

### **Course literature**

Relevant literature is chosen based on the thesis topics in consultation with the supervisor. The student has the main responsibility in this process.