

# Photogrammetry I

## Lectures & Tutorials Formalities 2021

**Cyrill Stachniss**

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# Remote Teaching

- Due to the COVID-19, the course will be run 100% as an online course
- Lectures via pre-recorded videos
- Course consists of new recordings from 2021 and some of 2020
- Questions and tutorials via Zoom

# YouTube Video Recordings

Cyrill Stachniss



Home Videos Playlists Channels Discussion About



## Photogrammetry Course - 2015/16

Cyrill Stachniss • 44 videos • 20,845 views • Last updated on Feb 4, 2016

Lectures of the Photogrammetry I & II courses for BSc students taught by Cyrill Stachniss at the University of Bonn, Germany in the summer and winter term 2015.

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### Photogrammetry I - 01 - Introduction (2015)

by Cyrill Stachniss

2



### Photogrammetry I - 02 - Camera Basics (2015)

by Cyrill Stachniss

# Course Language is English

- Lecture and tutorials are in English
- Self-contained slides
- Slides are provided via eCampus
- Exam will be bi-lingual  
(questions in German and in English)

# The Team



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Lectures



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Tutorials



Jan Weyler

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Python support

# My Expectations

- Stimulate **interest** in photogrammetry and computer vision
- **Understand** the key concepts
- **Implement** own solutions
- **Questions** and discussions, ask me!
- Give **feedback early**
- **No plagiarism**

# Module B36 - Photogrammetrie

Photogrammetry I (summer term)

- Lecture: 3h
- Tutorials: 2h

Photogrammetry II (winter term)

- Lecture: 2h
- Tutorials: 1h

Overall work load: 10 ETCS = 300h

# Expected Time To Be Invested

- Photo 1+2: 10 ETCS = 300h
- Semester = 13 weeks of teaching
- Photo 1: 3+2 = 62.5%
- Photo 2: 2+1 = 37.5%

## Calculation

- Exam preparation: 60h (240h remain)
- Photo 1:  $240\text{h} * 62.5\% = 150\text{h}$
- Photo 2:  $240\text{h} * 37.5\% = 90\text{h}$
- **Photo 1:**  $150\text{h}/13 \text{ weeks} = \mathbf{11.5\text{h/week}}$
- **Photo 2:**  $90\text{h}/13 \text{ weeks} = \mathbf{7\text{h/week}}$



# Exam

- Written exam at the end of the winter term after the Photo II course
- Exam admission (Studienleistung)
  - 50% of the points from the homework assignments of Photo I
  - 50% of the points from the homework assignments of Photo II

# **Tutorials and Homework Assignments**

# Tutorials

- Tutorials are there to support you
- Tutorials give you the chance to **ask detailed questions on**
  - **Homework assignment**
  - **Course material**
- It is not mandatory to attend (but recommended)
- Scheduling of tutorials via eCampus

# Homework Assignments

- Homework assignments are given out via eCampus
- Programming exercises using **Python**
- Every assignment has a **fixed submission date**
- Submit your solution **on time**
- Submission via eCampus
- Submission in **groups of 2 students**

**No Plagiarism!**

# Plagiarism

- Plagiarism leads to **failing** the **exam admission**
- This holds for the group that **copied** the homework
- This holds also for the group that **provided the solution**
- Copying **previous solutions** is also regarded as plagiarism

# **Python Support & Tutorials: Jan Weyler & Louis Wiesmann**

**Questions?**