Image Analysis and Understanding

COS 791: Administative matters
Textbook

Title: Feature Extraction & Image Processing for Computer Vision, Third Edition

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Evaluation Events

- Two types of evaluations for COS791, namely:
  - Assignments
  - Exam

- Assignments:
  - will provide you with the opportunity to implement what you have learned
  - will be demonstrated in class
  - four assignments, counting equally towards the final mark.

- Exam will be a written exam. More information will be provided closer towards the date of the exam.
Final Mark

The final mark for COS791 will be calculated as follows:

- Assignments: 40%
- Exam: 60%
Plagiarism

• Take note that plagiarism is NOT allowed for any work that you submit for evaluation
• The work that you submit must be your own work and references should be provided as appropriate
• Please refer to the University's policy about plagiarism.
Lecturers

• Lecturers for this course are Dr. Mardé Helbig and Ms Tayana Morkel
• To make an appointment with one of these lecturers, please send requests via email
• Take note, that it may take 2-3 days for a lecturer to respond to the email. So plan ahead adequately
Schedule

The lecture schedule for the semester is as follows:

24 July: Introduction and Human Visual System (Chapter 1)
31 July: Sampling and frequency domain processing (Chapter 2)
7 August: Basic image processing operations (Chapter 3)
14 August: Basic image processing operations cont. (Chapter 3)
21 August: Guest lecture (TBA)
28 August: Low-level feature extraction (Chapter 4)
4 September: Low-level feature extraction cont. (Chapter 4)
11 September: Guest lecture (TBA)
18 September: Feature extraction by shape matching (Chapter 5)
Schedule

Lecture Schedule (cont.):

22 September: Feature extraction by shape matching cont. (Chapter 5)
2 October: Flexible shape extraction (Chapter 6)
16 October: Object description (Chapter 7)
23 October: Object description cont. (Chapter 7)
30 October: Introduction to texture description, segmentation and classification (Chapter 8)

Take note that this schedule is subject to change. Changes will be announced on the website.
Assignment Deadline

Assignment deadlines will be announced on the course website in due course.

Plan ahead, no extensions will be given to assignments.

Each assignment will have a responsible persons for that assignment that will be announced on the website. All queries related to that assignment should be made to the responsible person.

Each assignment will also have a query cut-off date. No queries will be responded to after this date.
Study guide

• All of this information forms part of the study guide
• The study guide is in the form of announcements on the website
• It has been set not to expire