



# Welcome to the Course

Overview and Introduction

Melanie Ganz-Benaminsen

Kenny Erleben

Department of Computer Science

University of Copenhagen



## Who are we?

- Kenny Erleben, Prof., DIKU, [kenny@diku.dk](mailto:kenny@diku.dk)



- Melanie Ganz-Benaminsen, Assoc. Prof., DIKU, [ganz@di.ku.dk](mailto:ganz@di.ku.dk)



## Practicalities

### **All learning material is available online at course web-bage**

- Short videos, where the teachers give an overview of the syllabus slides as well as full video lectures, will be distributed on the course web page.
- Both teachers will be present for interactive classes every Monday and Wednesday.
- Slides, notes, and other reading material will also be distributed through the course web page.
- Online quizzes will be available through the course web page.

## Practicalities II

### **Interaction with the teachers will be physical only**

- All questions regarding slides, programming, hand-ins, the syllabus, and other direct course-related content must be asked during classes. E-mails will in general be ignored if the questions belong in class.
- The teacher's class hours are Mondays from 13:00-15:00 and Wednesdays from 9:00-12:00 and from 13:00-15:00. The remaining time is self-supervised.

## The Exam

- Individual oral examination of 30 minutes with no preparation and no aids.
- To qualify for the oral examination the student must have approved 3 written assignments.

## Overview over the course structure

This is the course structure we recommend. We advise you to stick to working in the same time slots, so you are prepared for asking questions and getting help from the teachers during the classes.

Hours	Monday	Tuesday	Wednesday	Thursday	Friday
8-9			Programming (unsupervised)		
9-10			Programming		
10-11			Programming		
11-12			Summary and Sharing		
12-13	Lunch		Lunch		
13-14	Short Overview & Questions		Experiments Planning		
14-15	Study group work		Perform Experiments		
15-16	Study group work (unsupervised)		Work on Hand-in (TA supervised)		
16-17	Study group work (unsupervised)		Work on Hand-in (unsupervised)		
20					<b>Weekly Submission Deadline</b>

## Textbook

We do not use a single textbook! Instead selected chapters from various books, slides, notes, and articles will be made available on the course web page.

## Syllabus and Expected Learning Outcomes

The syllabus can be found on the course web page and is elaborated in the associated Jupyter notebooks. Details on hand-in assignments will be listed on the course web page.



## A note on group work

- For the practical parts of the course, you will be divided into groups by us.
- Please actively try and work in groups, we have found this to be the key element to passing this course.

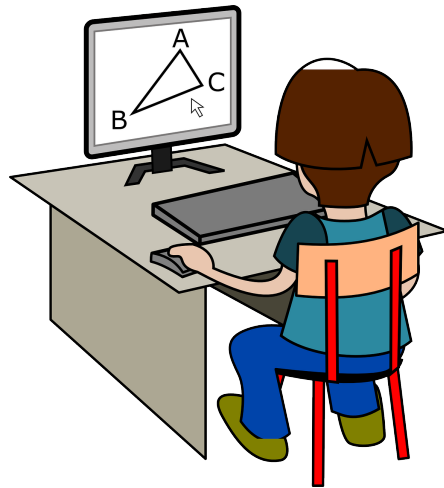
## Information regarding on hand-ins

- Weekly Jupyter notebooks will be distributed on the course web page on Absalon to help students with programming exercises and support students with practical examples for their own learning.
- All hand-in deadlines are strict. Students are allowed to hand in early; the TAs will provide written feedback on hand-ins. We will try and have feedback available no later than one week after the respective hand-in deadline.
- Students are allowed to work together, but hand-ins must be handed in individually. We do test for plagiarism and will act upon this.

## Information regarding on hand-ins II

- Basically you should start working on a new Jupyter notebook on Mondays
- Do most of the programming and experiments on Wednesday
- Hand in a report every second Friday
- Have the weekend off!

So let's get started!



## Roadmap week 1

- Start by looking at the module Lecture 0 and Lecture 1
- Then do the quizzes
- If necessary look at Lecture 2 for background knowledge
- Work on the study group assignment highlighted in slides 11 to understand the material better
- Finally start working on the Jupyter notebooks