

Course Admin & Your Workload

- **Assignments (4.5 hp)**
 - Four programming assignments
 - Pen and Paper exercises may be interspersed within these assignments
- Either **Project (3.0 hp)** or **Written Exam (3.0 hp)**
 - **Project**
 - * Freely chosen project in DL completed in groups of 3.
 - **Take Home Written Exam**
 - * Answer theory and problem questions about the material covered in the course.

Assignments: Pass / Fail + Possibility for Bonus Points

There will be 4 programming assignments

- To pass an assignment task you must
 - Make good attempt / finish the coding task.
 - Write a short report containing result and intermediary result figures and description on the structure and debugging of your code etc. More instructions will be given in the assignment specification.
 - Upload your code and pdf report to Bilda.
- To get **bonus points** you can complete optional extensions to the basic assignment. Here the bonus points will be towards your final grade in the course.

More details about the assignments

Important Dates:

- When the assignments will be released:
 - Assignment 1: 27th of March (after lecture)
 - Assignment 2: 30th of March (after lecture)
 - Assignment 3: 6th of April (after lecture)
 - Assignment 4: 18th of April (after lecture)
- Deadline for the submission of assignments:
 - Assignment 1: 11th of April
 - Assignment 2: 18th of April
 - Assignment 3: 25th of April
 - Assignment 4: 9th of May

Note The submission deadlines are not hard as regard passing the course etc. They are hard in the sense that if you miss one then I cannot guarantee that I will review/correct the assignment in a timely fashion.

Project: Grade A-F

- In groups of 3 you will complete project in deep learning.
- Your project will be assessed based on:
 - **Written Report**
 - **Oral Examination**
- The grade will be mainly be based on the **Written Report** but the **Oral Examination** will confirm to me whether all members of the group were involved and knowledgeable about the technical/experimental detail submitted in the project.

Project: Grade A-F

- You will be free to use whatever software package you like - TensorFlow, Torch, ...
- You will be free to choose the topic and scope.
- Before starting with your project you will need to get a (short) proposal approved.
- Make sure attend you some “Project help” session to get some advice about the feasibility of your project idea.

Important Dates:

- Your deadline for submission of project proposal: **18th April**
- My deadline for approving your project proposal: **21st April**
- Deadline for submission of final project report: **19th May**
- Project Oral Examination Period: **22nd May – 2nd June**

Sign-up for an account at PDC:

Once you have formed your project group of three:

- One member of the group should apply for an account at PDC and when you have done so fill this [google form](#) to let me know.
- Please do this as soon as possible because
 - PDC needs some time to create and confirm these accounts.
 - Training and running multiple experiments on deep networks can be very time-consuming.
 - The more computational resources you have access to, the more interesting things you can do.
 - I can then arrange PDC to give an instructional lecture about using their machines.

Written Exam: A-F

- Written take home exam.
- The exam will have a compulsory part - **Part I** - covering the core topics of the course. This part will have to be answered at a high level to get a grade E.
- To obtain higher grades other questions, other topics and **Part I** material at a higher level of understanding, will have to be answered in **Part II**.
- Nearer the exam, I will be very explicit about the content and the level of difficulty of **Part I** and **Part II** of the exam.

Logistics of Exam:

- Exam questions posted at 10am on KTH Social website.
- Must submit your answers before 5pm the next day.
- (The exam should not require anything like that length of time to complete!)

Important Dates:

- Doodle poll for setting exam date opens: **19th April**
- Doodle poll for setting exam date closes: **2nd May**
- Range of dates polled (inclusive): **29th May – 1st June**

Final Grade: A-F

If you pass the **Written Exam** or the **Project** then your final grade will either be

- Written Exam Grade + Bonus Points or
- Project Grade + Bonus Points

Bonus Points will potentially be able to bump you up one grade (E → D, D → C, etc)

You cannot use the Bonus Points to lift your failing grade to a passing one.

More details about the Project Help sessions

- You will book a 15 minute time slot with a TA. (Doodle will be made available soon on the KTH Social webpage.)
- Please book a slot with your 2 other project partners. **We do not have the resources to meet students individually.**
- Attendance is not mandatory.
- But you should attend some to get advice on your project.
- You can also get some advice/guidance with the assignment.

- I **cannot** register you for the course!
- You have to ask your student adviser or fill in the appropriate forms online.
- If you cannot see the DD2424 bilda page by the end of the week contact me and I will get you added.