ETH zürich

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Computer Science

Course at D-MATH/D-PHYS at ETH Zurich

Autumn 2019

Welcome

to the Course Informatik

at the MATH/PHYS departement of ETH Zürich.

Place and time:

Tuesday 13:15 - 15:00, ML D28, ML E12.
Pause 14:00 - 14:15, slight shift possible.

Course web page

`http://lec.inf.ethz.ch/ifmp`

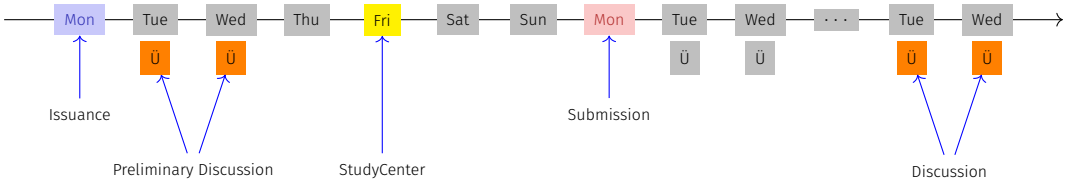
Team

chef assistant	Vytautas Astrauskas	
assistants	Benjamin Rothenberger	Charlotte Franke
	Claire Dick	David Sommer
	Edoardo Mazzoni	Eliza Wszola
	Enis Ulqinaku	Gaspard Zoss
	Janet Greutmann	Jannik Kochert
	Kevin Kaiwen Zhang	Manuel Mekkattu
	Moritz Schneider	Orhan Saeedi
	Raul Rao	Reza Sefidgar
	Sammy Christen	Tanja Kaister
	Tobias Klenze	Viera Klasovita
lecturers	Dr. Malte Schwerhoff / Dr. Felix Friedrich	

Registration for Exercise Sessions

- Registration via web page
- Registration already open

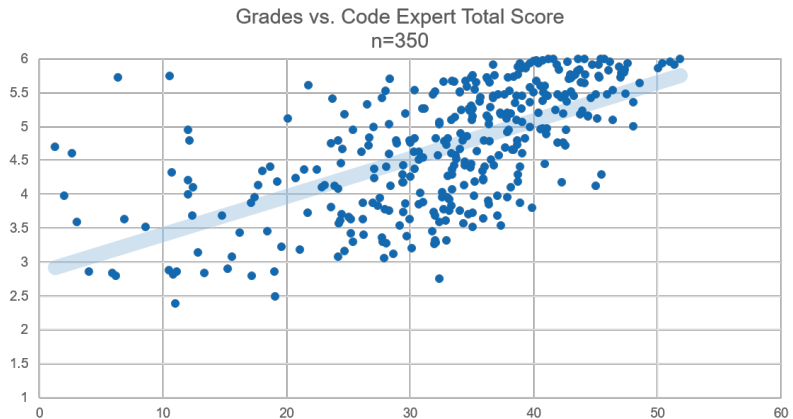
Procedure



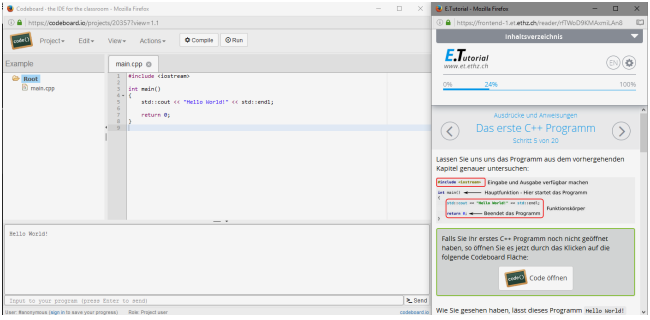
- Exercises available on Monday morning (online)
- Preliminary discussion in the following exercise session (on Tuesday/Wednesday)
- StudyCenter (`studycenter.ethz.ch`)
- Solution must be submitted at latest on Monday in the following week (18:00h)
- Discussion of the exercise in the session one week after the submission. Feedback will be provided in the week after the submission.

Exercises

- The solution of the weekly exercises is thus voluntary but **stronly** recommended.



Online Tutorial



For a smooth course entry we provide an **online C++ tutorial**
Goal: leveling of the different programming skills.
Written mini test for your **self assessment** in the second exercise session.
⇒ work throught the tutorial until next week

Exams

The exam will cover

- Lectures content (lectures, handouts)
- Exercise content (exercise sessions, exercises).

Written exam at the computer.
We will test your practical skills (programming skills) and theoretical knowledge (background knowledge, systematics).

Offer (VVZ)

- During the semester we offer weekly programming exercises that are graded. Points achieved will be taken as a bonus to the exam.
- The bonus is proportional to the score achieved in specially marked bonus tasks, where a full score equals a bonus of 0.25. The admission to specially marked bonus depends on the successful completion of other exercises. The achieved mark bonus expires as soon as the lecture is given anew.

Offer (Concretely)

- 3 bonus exercises in total; 2/3 of the points suffice for the exam bonus of 0.25 marks
- You can, e.g. fully solve 2 bonus exercises, or solve 3 bonus exercises to 66% each, or ...
- Bonus exercises must be unlocked ($\rightarrow$ experience points) by successfully completing the weekly exercises
- It is again not necessary to solve all weekly exercises completely in order to unlock a bonus exercise
- Details: course website, exercise sessions, online exercise system (Code Expert)

Academic integrity

Rule

You submit solutions that you have written yourself and that you have understood.
We check this (partially automatically) and reserve our rights to invite you to interviews.
Should you be invited to an interview: don’t panic. Primary we presume your innocence and want to know if you understood what you have submitted.

Credits

- Lecture:
  - Original version by Prof. B. Gärtner and Dr. F. Friedrich
  - With changes from Dr. F. Friedrich, Dr. H. Lehner, Dr. M. Schwerhoff
- Script: Prof. B. Gärtner
- Code Expert: Dr. H. Lehner, David Avanthay and others