

Compiler Construction 2017

Important Remarks

- Scoring scheme: Assignments – 10%, Project – 30%, Exam – 60%
- Assignments: There will be two or three assignments during the semester.
 - On Friday after the lecture (12:00 - 13:00) exercises will be posted on the CC website <http://scg.unibe.ch/teaching/cc/> and on Piazza.
 - Solutions are to be provided by posting a solution into the appropriate folder on Piazza no later than the start of the next lecture (next Friday at 10:00).
 - Solutions handed in later will get one grade subtracted for each 24h period (in case of serious reasons send us a message).
- Project: A couple of milestones during the semester will be set. Details will be given with the project requirements.
- Exam: Test of the entire course material.
- Assignments and the project will be done in pairs. The exam is taken individually.
- You are expected to create a private git repository on <https://bitbucket.org> to which the answers of the exercises and the code have to be committed.
- The solutions of the exercises are to be delivered before Friday at 10h15. The commit timestamp will be used to determine if you delivered before the deadline or not. Solutions handed in later will get one grade subtracted for each 24h period (in case of serious reasons send us a message).

How to Qualify for ECTS points

- Each series is rated according to the usual rating system with a scale from 1 to 6, with the following meaning:
6 - excellent, 5 - good, 4 - sufficient, 3 - not sufficient, 2 - poor, and 1 - no solution provided.
- To qualify for the ECTS points, the average mark of all series is required to be a least *sufficient* (i.e. 4). If you are not able to do a series (military service, illness, etc.) let us know as soon as possible.
- Please do not copy solutions from others (nor from the Internet). If you really cannot figure out something yourself, discuss it with us or post to the mailing list (see below). In case of copied solutions, you will get a mark of 1.

Questions and Discussions:

- Use the Piazza platform.
- For specific questions and solutions use all instructors as recipients.
- Post questions and discussions of general interest to the entire class.

Assignment 1 - Part I

- Register on <https://piazza.com/unibe.ch> to class **CC 21025** (select *Spring 2017* as team).
- You have to use the `unibe.ch` email, if you don't have one, send an email to `tymchuk@inf.unibe.ch`, we will add you manually.
- Find a partner for the assignments and the project. Send a message to folder *assignment1* to CC 21025 instructors stating name, e-mail and student ID numbers (Matrikelnummer) for both students of the pair.

Assignment 1 - Part II

- Create a private git repository on <https://bitbucket.org> named `cc-2017-project-<your-name>-<your-partner-name>`
- Share it with user `scg-uko`
- Send a private message containing your and your partner's names, matriculation numbers and the link for cloning the repository to the appropriate folder (*assignment1*) on Piazza.
- This exercise is mandatory!

Bonus points

- A maximum of 5% additional points can be obtained.
- Every week you are encouraged to send to the *instructors* (via Piazza) an interesting potential exam question (with an answer) regarding the previous lecture.
For example:
Q: What is the difference between a Compiler and an Interpreter?
A: Compiler translates a program in one language into a program in another language. Interpreter reads a program and produces the results of running that program.
- The authors of the most interesting questions (as determined by the instructors) will be awarded the additional points.
- A selection of the questions might appear on the exam.