



Programming Workshop

The workshop is online and self-directed through an activity-based-curriculum, with a maximum ratio of 4 students to each teaching assistant. Students explore programming concepts that allow them to create increasingly complex applets that at the end of the day can be uploaded to a website where they'll be able to show it off to their friends and family. Students with no prior programming experience can go at their own pace with help from our teaching assistants. Students with prior programming experience can stretch themselves with advanced activities. Afterwards, they can still access the workshop content online if they are interested in progressing more. As Processing is free and Open Source, they can continue learning at home or at school.

So come join us at the School of Electrical Engineering and Computer Science for a fun-filled and educational school trip. It will serve as a wonderful introduction to Computer Science and to the Faculty of Engineering.

Schedule

8:30 – 9:00 ARRIVAL AND WELCOME

9:00 – 9:15 OVERVIEW AND INTRODUCTIONS

9:15 – 12:00 FUN WITH PROCESSING!

12:00 – 13:00 PIZZA LUNCH

13:00 – 14:00 FINISHING UP APPLETS, AND LOOKING AT WHAT WAS CREATED

- Prizes are given to the most creative and most difficult projects.

14:00 – 14:30 CLOSING COMMENTS AND DEPARTURE

The proposed schedule may be adapted, if required.