Computational Topology: Lecture 1

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1. Introduction to course project

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Course Syllabus

- On github
- On teacher page

Course language

https://julialang.org

Course projects

This year's course is thematic, and will work around the implementation of a system for 2D/3D space arrangement generated by a collection of geometric objects of disparate nature:

- line, triangle, quad, and/or polygon soups;
- engineering meshes;
- 2D/3D images;
- solid models;
- graphical models.

Small student projects will be suggested along the course.

Goals/constraints of course projects

1. Create your repo, named `IN540-2019` on `https://github.com/<youraccount>/IN540-2019`.
   See: https://help.github.com/en/articles/create-a-repo
2. Clone on your local machine, develop 4 new files for each suggested project (say, named `topic`), in the 4 top-level directories:
   - src/topic.jl
   - test/topic.jl
   - doc/topic.md
   - examples/topic.jl
3. When finished, ask for PR (Pull Request)