

AAR4528 Design in context
AAR4863 Digital Modeling and fabrication

Starting 21.august 2018
Language is english
15 students maximum

Pasi Aalto
pasi.aalto@ntnu.no
+47 98025519

Sami Rintala
sami@ri-eg.com
+47 905 19 005

These courses dwell on how context should play a role in our projects, as well as how those projects are developed in context as a dynamic process between site, people, nature, friendships and ideas.

In total, these courses will design and build 2-3 projects, depending on the work undertaken by the students. The course will have real clients with real projects. What we build is permanent and will be used by real people.

The tutors will do their best to incorporate research activities into the course and students are given freedom to pursue their own interests alongside the work. Most notably, this years course will also look into cabins (in collaboration with FjellHeimen 4.0-project) and Design for Deconstruction (in collaboration with ReWOOD-project). In both cases, students will contribute to the research.

The course has 3 intensive workshops, of which 2 are compulsory, one is voluntary.

Bratten Compulsory Workshop (Norway)

Timetable: August 27th Monday to September 7th Friday
First meeting: Monday 27th August at 12:00 (noon) at Bodø train station from where bus transport onwards, leaving at 12:00

Client: Public Multi-functional activity park called Bratten ativitetspark <https://bratten.bodo.kommune.no/>

Task: Wooden outlook shelter next to ocean, with fireplace, size approximately 25-30 m2, hard weather conditions

Gear: All weather working and outdoor gear, sleeping bag

Accommodation: In tents (Sami lavvu type) of 3-4 persons (spacious for all gear + luggage), 4 tents, possibility for shower and toilets next door

Food: Client buys, we cook

Tools: Client has mitre saw and table saw, we bring battery drills and other hand tools

Material: Client gets wood and larger natural stones (I will remind them of screws, too)

Kilifi Voluntary Workshop (Kenya)

Timetable: 15th November to 30th November including travel times. We should get the same flights and meet there already.

Client: www.ecomoyo.com

Area: <https://www.ecomoyo.com/our-area>

Visa: Apply one week in advance here <http://evisa.go.ke/evisa.html>

Flight

Choose Ethiopian airlines - goes from Oslo, through Ethiopia and to Mombasa - try to avoid Nairobi (usually delays etc)

The trip in total from leaving should be roughly 15 hours or so. From the airport in Mombasa to our site is ca 2 hours drive. Taxi is ca 500 kroner.

Living on site

The students can stay in the dormitory in bunk beds with mattresses and nets. Girls and boys are divided. Showers slabs outside in open air.

What to bring

- Sheets and pillow cases
- Towels
- Good shoes for working in
- Thin material long sleeve shirts (to avoid sunburn)
- Sun glasses
- Sun hats
- Sun screen
- Moszzy repellent
- Baraka or anti-dehydration tablets (the ones that fizz in water to boost your energy)
- Your own water bottles (from experience everyone has similar looking bottles and they get mixed up)
- Adapters for electronics (British kind)
- Medicine for stabilising your stomach
- Bum bag or something to keep your passport in (in Kenya everyone is by law required to keep their ID or passport on them at all times). Its not uncommon to get stopped by police and you have to show your passport.
- Malaria tablets - we don't use them and never have, but it sucks to get sick during your stay. However if you get sick, treatments is easy and should be over within a few days. You all have to decide individually here.

Nordmøre Prototype, Compulsory (Norway)

This project is slightly different, as the goal is to develop a digitally fabricated cabin. It should be a bare minimum type of building and it should be deconstructable in nature. As part of this project, we will visit factories in Nordmøre and also develop the project together with them.



