

Digital Communications – Advanced Course (ETTN01)

The Project

1. Each project group consists of two students.
2. The project group should contact Göran Lindell as soon as possible to decide the time for a **project start-up meeting (15min)!**
3. Each project group should, before **Tuesday 5 November, 20.00**, send an email to goran.lindell@eit.lth.se containing:
Name and email address to each project member.
4. Each project group should **write a project report**.
5. The structure of the project report should follow journal articles published by IEEE.
6. The project report should be written in English ***with your own words, tables and figures***, and contain 6-9 pages.
Observe copyright rules: “copy & paste” is in general strictly forbidden!
7. **NOTE!** The project report should be clearly and well written, and written **to the other students in this course!**
8. The project report should be sent in .pdf format to goran.lindell@eit.lth.se before **Thursday 28 November, 17.00**.
9. Each project group should also in English present the project work in an **oral presentation (12 – 15 min)**.
NOTE! The project presentation should be clear and aimed **to the other students in this course!**
After the oral presentation the project report and the presentation will be discussed (5 min).
10. Each group should have comments and questions on the project report and on the oral presentation **of another group**.
11. A project report will be sent to each project group from goran.lindell@eit.lth.se on **Saturday 30 November** (at the latest).

Also observe:

Articles and conference papers from the IEEE database “IEEE Xplore”

<http://ieeexplore.ieee.org/Xplore/DynWel.jsp>

is strongly recommended to get additional technical information.

A list of project examples is available in the slides from the first lecture of this course, found on the home page. You are free to choose other topics than those examples.

In the project, a communication application/technical problem/problem area, relevant for the course, should be investigated. The written report, and the oral presentation, should contain the results of this investigation.

The choice of project is mainly done by the project group but it has to be approved by Göran Lindell.