

# ECE421S – Introduction to Machine Learning

## Graduate Project Guidelines

- The project will be worth 15% of your final grade.
- The project involves a 5-page report that is to be done individually.
- You are required to work with a dataset that you may obtain from the internet or from your research group. You can use the following sample dataset:  
<http://ufldl.stanford.edu/housenumbers/>
- You should apply any three machine learning algorithms that were covered in the course to this dataset.
- Write the report to include the results comparing the performance of these algorithms, and discussing their pros and cons.
- The hard copy of the report, and the codes used to generate the results must be submitted in the last week of the semester to the head TA in her office hour.

Note: You are required to work on this project individually. Working with someone else or plagiarising someone else's work is academic misconduct and will not be tolerated.