

Senior Thesis Brief Description

Thesis Title	The characteristics and the energy behaviour of the residential building stock of “Cyprus land development corporation”.
Programme of Studies	BSc in Civil Engineering, Frederick University, Cyprus
Course	CEP 400 Senior Project
Area of Study	Computational Building Physics – Whole Building Energy Analysis
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Students Reg. Number	7209
Supervisor	Dr.-Ing. Paris A. Fokaides, V. Lecturer, Civil Engineering Department
Supervisory Committee	Dr. Petros Christou, Ass. Professor, Civil Engineering Department Dr. Demetris Nicolaides, Lecturer, Civil Engineering Department
Semester	Spring Semester 2016
Short Description	This study outlined the energy behaviour and other characteristics of the residential building stock of “Cyprus land development corporation”. From the analysis of the results for 25 residential buildings, the energy demand and primary energy required was identified. The age of residential buildings, the building practices, the building services and the behaviour of the users were considered towards classifying the energy behaviour of CLDC buildings. The study concluded to specific measures regarding the improvement of the energy behaviour of the building stock of CLDC.