

Senior Thesis Brief Description

Thesis Title	Investigation of the impact of the reference building on the energy classification of buildings
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
Student's Name	Leontios Tselepos
Students Reg. Number	6159
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Supervisory Committee	Dr. Petros Christou, Ass. Professor, Civil Engineering Department Dr. Demetris Nicolaidis, Lecturer, Civil Engineering Department
Semester	Fall Semester 2013
Short Description	The objective of this study was the examination of the impact of the reference building on the energy classification of buildings. For this purpose the Cyprus Calculation Method for Assessing the Energy Performance of Buildings was investigated. By means of this approach typical buildings was examined with regard to their energy performance, compared to that of the reference building. Also the impact of the revision of the minimum requirements to the reference building was examined. A comparison between the energy classes, as valid today, and the forthcoming energy classes was performed.