Thesis Title	**Assessment of the Energy Performance of a Public Building using Real Data and BIM**
Programme of Studies	MSc in Sustainable Energy Systems
Course	MES 580 Master Thesis
Area of Study	Sustainable Energy Technologies – Biofuels Assessment
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Supervisory Committee	Dr Michalis Menicou, Assoc. Professor, Mechanical Engineering Department Dr. George Karagiorgis, Professor, Mechanical Engineering Department
Semester	Fall Semester 2019
Short Description	The objective of the particular project is to assess the energy performance of the building currently housing the central offices of the Department of Electrical and Mechanical Services with the application of Building Information Modelling (BIM) software and real energy consumption data. The proposed energy upgrade measures that will be delivered by this project, will consider the results of the energy analysis of the BIM software so as to implement measures that are cost effective and also practical. Several upgrade scenarios will be examined and depending on future policies and available funds, the engineers of the Department will move forward with those that are most suitable.