<table>
<thead>
<tr>
<th>Course Title</th>
<th>Energy Efficiency of Buildings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course Unit Code</td>
<td>CEE 536</td>
</tr>
<tr>
<td>Type of Course Unit</td>
<td>Optional</td>
</tr>
<tr>
<td>Level of Course Unit</td>
<td>Postgraduate and Doctoral levels (P/D)</td>
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<tr>
<td>Year of Study</td>
<td>Any year of P/D</td>
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<tr>
<td>Semester when the Course Unit is Delivered</td>
<td>Fall</td>
</tr>
<tr>
<td>Number of ECTS Credits Allocated</td>
<td>8</td>
</tr>
<tr>
<td>Name of Lecturer(s)</td>
<td>Special Scientist</td>
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</tbody>
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**Learning Outcomes of the Course Unit**

Students should be able to:
1. Understand the need for improvement of the Energy Efficiency of Buildings
2. Know the European and Cypriot Energy policy and legislation.
3. Understand the energy flows and balance in a building.
4. Calculate the heat flows due to the several factors affecting the building's thermal balance.
5. Calculate the Energy Efficiency of a Building compared to a reference building.
6. Propose possible suggestions to improve the Energy Efficiency of a Building.

**Prerequisites**

There are no prerequisites for this course.

**Co-requisites**

There are no co-requisites for this course.

**Course Contents**


**Required Reading**

N/A

**Recommended Reading**

N/A

**Planned Learning Activities**

N/A

**Teaching Methods**

Lectures (3 hours/week)

**Assessment Methods and Criteria**

Final exam, Midterm exam

**Language of Instruction**

Greek

**Work Placement(s)**

N/A