<table>
<thead>
<tr>
<th><strong>Course Title</strong></th>
<th>Experimental Methods in Structural Engineering</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Course Unit Code</strong></td>
<td>CEE 536</td>
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<tr>
<td><strong>Type of Course Unit</strong></td>
<td>Optional</td>
</tr>
<tr>
<td><strong>Level of Course Unit</strong></td>
<td>2nd and 3rd cycle</td>
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<tr>
<td><strong>Year of Study</strong></td>
<td>Graduate studies</td>
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<tr>
<td><strong>Semester when the Course Unit is Delivered</strong></td>
<td>Fall</td>
</tr>
<tr>
<td><strong>Number of ECTS Credits Allocated</strong></td>
<td>8.0</td>
</tr>
<tr>
<td><strong>Name of Lecturer(s)</strong></td>
<td>M. Petrou</td>
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</tbody>
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**Learning Outcomes of the Course Unit**

- Students should be able to:
  1. Design an experimental setup and select the appropriate sensor for the appropriate location
  2. Assess experimental results and draw relevant conclusions
  3. Design, build, and use of experimental sensors
  4. Utilize their scientific knowledge in addressing civil engineering problems

**Prerequisites**

There are no prerequisites for this course.

**Co-requisites**

There are no prerequisites for this course.

**Course Contents**


**Required Reading**


**Recommended Reading**

N/A

**Planned Learning Activities**

Experimental exercises

**Teaching Methods**

Lectures (3 hours/week)

**Assessment Methods and Criteria**

Lab reports, final and midterm examinations

**Language of Instruction**

Greek

**Work Placement(s)**

N/A