<table>
<thead>
<tr>
<th><strong>Course Title</strong></th>
<th>Design of Hydraulic Structures</th>
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<tbody>
<tr>
<td><strong>Course Code</strong></td>
<td>CEE 475</td>
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<tr>
<td><strong>Course Type</strong></td>
<td>Elective</td>
</tr>
<tr>
<td><strong>Level</strong></td>
<td>Undergraduate</td>
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<tr>
<td><strong>Year / Semester</strong></td>
<td>4&lt;sup&gt;th&lt;/sup&gt; year / Fall</td>
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<tr>
<td><strong>Teacher’s Name</strong></td>
<td>Dialynas Y.</td>
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<tr>
<td><strong>ECTS</strong></td>
<td>5</td>
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<tr>
<td><strong>Lectures / week</strong></td>
<td>2x1.5hr</td>
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<tr>
<td><strong>Laboratories / week</strong></td>
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**Course Purpose and Objectives**
Learning methods of designing hydraulic works for water supply, irrigation, waste water transport.

**Learning Outcomes**
Students are expected to develop:
1. an ability to apply knowledge of mathematics, science, and engineering;
2. an ability to identify, formulate, and solve engineering problems;
3. an understanding of professional and ethical responsibility;
4. a recognition of the need for, and an ability to engage in life-long learning, and;
5. a knowledge of contemporary issues

**Prerequisites**
CEE 370, CEE 371

**Course Content**
Application of theory and engineering principles for the design of hydraulic structures such as reservoirs, conduits and channels, irrigation works, and other public works project.

**Teaching Methodology**
Lectures (3 hours per week)

**Bibliography**

**Assessment**
- Homework 20%
- Projects (3) 60%
- Final exam 20%

**Language**
Greek