# Course Title

**Corrosion Engineering**

# Lecturer

Professor Noam Eliaz

# Semester

A

# Course requirements

Two homework assignments: 20%; Exam: 40% (must get 60 or above!!!); Final project: 40% (see separate instructions).

# Final grade components

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# Course schedule

<table>
<thead>
<tr>
<th>Class no. / Date</th>
<th>Subject and Requirements (assignments, reading materials, tasks, etc.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>General terms and economics of corrosion</td>
</tr>
<tr>
<td>2-5</td>
<td>Thermodynamics of electrode reactions</td>
</tr>
<tr>
<td>6-8</td>
<td>Kinetics of electrode reactions</td>
</tr>
<tr>
<td>9-10</td>
<td>Corrosion measurements</td>
</tr>
<tr>
<td>11-12</td>
<td>Forms of corrosion</td>
</tr>
<tr>
<td>13-14</td>
<td>Corrosion protection</td>
</tr>
</tbody>
</table>

# Required course reading


# Optional course reading


Comments

Students Benefit
The course has been approved for NACE International Collegiate Certification. Thus, students who will achieve a final grade of 75 or above will be eligible for a free year of student membership in NACE International.