Instructor:
Prof. Adli H. Al Balbissi

Reference:

Course Evaluation:
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<table>
<thead>
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<tbody>
<tr>
<td>Midterm</td>
<td>(Wednesday 15/3/2017)</td>
<td>30%</td>
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<tr>
<td>Student lecture</td>
<td>(Wednesday 12/4, 19/4 &amp; 26/4/2017)</td>
<td>15%</td>
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<tr>
<td>Class participation</td>
<td></td>
<td>15%</td>
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<tr>
<td>Final examination</td>
<td>(To be announced later)</td>
<td>40%</td>
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Course Contents:
The transportation planning process:
- Basic elements of transportation planning
- Transportation planning institutions
- Urban transportation planning

Forecasting travel demand:
- Demand forecasting approaches
- Trip generation
- Trip distribution
- Mode choice
- Traffic assignment
- Other methods for forecasting demand
- Estimating freight demand
- Traffic impact studies

Evaluating transportation alternatives:
- Basic issues in evaluation
- Evaluation based on economic criteria
- Evaluation based on multiple criteria