Course Title: Selected Topics in Computer Engineering
Course Code: ECE 344C
Instructor: Dr. Islam ElShaarawy

Course Contents:

1. What’s it all about?
2. Input: Concepts, instances, attributes
3. Output: Knowledge representation
4. Algorithms: The basic methods
5. Credibility: Evaluating what's been learned
6. Implementations: Real machine learning schemes
7. Data Transformations
8. Ensemble Learning
9. Moving on: Applications and Beyond

Attendance Policy:

1. Attendance is expected.
2. Whether you attend or not, you are responsible for keeping track of whatever happens during the lectures and the tutorials.
3. Side talking, cellphones, laptops, food/drinks, and walking are not allowed.

Grading System:

<table>
<thead>
<tr>
<th>Component</th>
<th>Weight</th>
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<tbody>
<tr>
<td>Attendance</td>
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<tr>
<td>Assignments</td>
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<tr>
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<td>Final Exam</td>
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1 If you are late for the lecture, then you are allowed to walk into the lecture hall but quietly.
2 Attendance will be taken anyway.