CS 3305.HON – Discrete Mathematics for Computing II

Course Information
Course Number/Section  CS3305.HON
Course Title           Discrete Mathematics for Computing II
Term                  Spring 2018
Days & Times          TTHR 1:00 – 2:15 pm
Location              ECSN 2.120

Professor Contact Information
Instructor            Dr Bill Semper
E-Mail                WJS130130@utdallas.edu
Office hours          TTHR 2:30 - 4:00 pm, ECSS 4.602
Phone                 972-883-4139
Website               www.utdallas.edu/~wjs130130/

Course Pre-requisites, Co-requisites, and/or Other Restrictions:
Prerequisites: CS2305 honors section.

Course Description
Introduction to the fundamental concepts and ideas behind directed graphs and partial orders, simple graphs, sums and asymptotics, cardinality, and recurrences.

Student Learning Objectives/Outcomes
Students will understand and be able to apply the core concepts of the class to solve problems.

Required Textbooks and Materials

Link: here.
Assignments & Academic Calendar: These descriptions and timelines are subject to change at the discretion of the Professor.

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<tr>
<th>Date</th>
<th>Event</th>
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<tbody>
<tr>
<td>January 9</td>
<td>Classes Begin</td>
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<tr>
<td>March 8</td>
<td>Midterm</td>
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<td>April 26</td>
<td>Classes End</td>
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<tr>
<td>TBD</td>
<td>Final exam</td>
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Grading Policy

<table>
<thead>
<tr>
<th>HW</th>
<th>10%</th>
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<tbody>
<tr>
<td>Midterm</td>
<td>45%</td>
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<td>Final</td>
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Please note: No extra credit assignments will be given.

Grading: The base grading scale is given below:

100-92 A  91-90, A-
89-88, B+  87-82, B  81-80, B-
79-78, C+  77-72, C  71-70, C-

The Curve: Once all final grades have been calculated using the Policy mentioned above, the A/B/C cutoffs may be adjusted. The A/B cutoff is taken to be approximately the 33rd-percentile and the C/B cutoff is taken to be approximately the 66th-percentile. Note that if these cutoffs are above the base scale cutoffs, the base scale cutoffs will be used. Plus and minus grade cutoffs are approximately 2% above and below the grade cutoffs.

Midterm Grade: A midterm grade will be posted after the midterm exam. This will give an accurate assessment of your current grade at that point, including HW and Midterm exam grades.

Grade Disputes: If you have a question about the grading of a homework assignment or exam, you may submit a request for a re-grade within 48 hours of the time the grade was posted. Any request after this time period may be ignored.

Final Grades: Final course grades will be posted after the final exam has been graded. Grades will first be posted to eLearning for you to review, and after 24 hours they will be posted to Orion.

For detailed information about University policies and procedures related to this syllabus, please refer to http://go.utdallas.edu/syllabus-policies.