

## CSC 2259: Discrete Structures, Sp-2019

**FACULTY:** Dr. S. Kundu (kundukundu@yahoo.com), 8-2246 3272G PFT 1253 PFT Off. Hrs: 12:00:-13:20 TuTh  
Lecture: 13:30-14:50 TuTh

**CALENDAR:**

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<b>Jan 10</b> Lec	<b>Jan 15</b> Lec	<b>Jan 17</b> Lec	<b>Jan 22</b> Lec	<b>Jan 24</b> Lec	<b>Jan 29</b> Lec	<b>Jan 31</b> Lec	
<b>Feb 05</b> LongQz	<b>Feb 07</b> Lec	<b>Feb 12</b> Lec	<b>Feb 14</b> Lec	<b>Feb 19</b> Lec	<b>Feb 21</b> Lec	<b>Feb 26</b> Lec	<b>Feb 28</b> Lec
<b>Mar 05</b> MardGr	<b>Mar 07</b> MidEx	<b>Mar 12</b> Lec	<b>Mar 14</b> Lec	<b>Mar 19</b> Lec	<b>Mar 21</b> Lec	<b>Mar 26</b> Lec	<b>Mar 28</b> Lec
<b>Apr 02</b> LongQz	<b>Apr 04</b> Lec	<b>Apr 9</b> Lec	<b>Apr 11</b> Lec	<b>Apr 16</b> SpBr	<b>Apr 18</b> SpBr	<b>Apr 23</b> Lec	<b>Apr 25</b> Lec
<b>Apr 29</b> Final	<b>3:00-5:00</b>						

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**EXAMS, ETC:** 2 long quizzes, mid-term, final 22% each (in-class, closed notes/books)  
Short Quizzes 12% (in-class, each week/class, without notice, closed notes/books)

- (1) No makeup-exams, except for emergency/sickness (proof required).
- (2) You will be required to solve problems and state definitions in all quizzes and final exam.
- (3) You are responsible for all written/oral information presented in class, and for obtaining the hand outs (if any), etc. from a willing classmate if you **MUST** miss some classes.
- (4) You are responsible to check your emails (sent via Moodle) on a **regular basis** (several times a week). You may receive instructions or guidance for the lectures (**study-notes and practice-questions**) and exams/quizzes via moodle-email within last 24 hours before the event.
- (5) You are responsible for understanding LSU's Code of Student Conduct (<http://saa.lsu.edu>).
- (6) If you do not collect the graded quizzes and exams returned in the class, they will be destroyed (not saved for you to collect later).

**GRADING:** A+=90-100, A=85-89, A-=82-84, B+=79-81, B=75-78, B-=72-74, C+=69-71, C=65-68, C-=62-64, D+=59-61, D=55-58, D-=52-54, F=00-51 (no curving/averaging).

**COURSE OBJ:** Cover fundamentals of Discrete Mathematics and its applications in Computer Science, including programming and determining computational complexity of algorithms. Major topics: Counting and probability, Recursive equations and definitions; Propositional logic, proofs by induction; Sets, functions, equivalence relations, linear and partial orders; Graphs; Boolean algebra.

**TEXT BOOK:** Discrete Mathematics and its applications, K. H. Rosen (latest ed.)