

CS4311-Algorithms

Biing-Feng Wang
Nov., 2022

Schedule

Wednesday

Friday

11/23	Ch22	11/25 ^{+TA}	Ch22 HW: Prob. 21-1, Prob. 21-3
11/30	Ch23 (MST), Ch24 (SSSP)	12/02 ^{+TA}	Ch24 (SSSP) HW: EX. 22.1-6, Prob. 22-2(d)(f)
12/07	Ch25 (APSP), Ch31	12/09	Ch26 (MaxFlow) HW: Prob. 23-1, Prob. 24-5
12/14	Ch26 (MaxFlow)	12/16	Ch35-2 (Cover: definition), Ch34 (NP) HW: Pro. 25.-1, Prob. 31-1
12/21	Ch34 (NP)	12/23 ^{+TA}	Ch35 (Cover, TSP) HW: Prob. 26-1, Ex. 35.1-4
12/28	Ch34 (B&B), Ch35.5 (SubsetSums)	12/30	***** New Year ***** HW: none (in celebration of New Year)
01/04	Ch35.5, Ch33 (Geometry), Review	01/06 ^{+TA}	***** No Class ***** HW: none (for preparing final)
01/11	Final (Handout – {Ch17, Ch35.5}) (110 points, 25% from midterm (with modifications), 10% from Ch17 ~ 35 HW) (10:10am ~ 13:00pm)		

Extra Classes: (voluntary)

Date: <u>11/25</u>	Time: <u>11:10</u>	Ch18 B-tree	
Date: <u>12/02</u>	Time: <u>11:10</u>	Ch32.4 KMP's string matching algorithm	
Date: <u>12/23</u>	Time: <u>11:10</u>	problem set of 2022 midterm* + HW*: Ch17 ~ 24	*Q&A only
Date: <u>01/06</u>	Time: <u>10:10</u>	problem set of 2021 final + HW*: Ch25 ~ 35	

Scoring

**include "raw final"*

Announcement of raw scores: by 2:00pm, Jan. 18 (correcting should be made by 2:00pm, Jan. 20)

Announcement of final scores: by 5:00pm, Jan. 20 (correcting should be made by 2:00pm, Jan. 23)

Final score = *Adjust*($0.2 \times \text{homework} + 0.35 \times \text{midterm} + 0.45 \times \text{final}$)

**goal: midterm + final ≥ 85 (final \gg midterm, good in HW)
(≥ 100 for MS students)*