

Discrete 121, Winter 2007

Instructor: Wayne M. Dymàček

Office: Robinson 21B

Phone: 458-8805

e-mail: dymacekw@wlu.edu

Office hours: M, W, F: D-period; T: C-period; *other times by appointment.*

Class Schedule: We will meet Monday, Tuesday, Wednesday, and Friday.

Grading: There will be five tests with the lowest test grade dropped. The tests will be at least 60% of your grade and are scheduled for Tuesday, January 23; for Wednesday, February 7 and 28; and for the following Fridays: March 16 and March 30. The exam will be at most 30% of your grade. Up to 10% of your grade will be based on class participation, homework, and colloquia attendance.

Text: *Introduction to Discrete Mathematics* by Wayne M. Dymàček and Henry Sharp

Class attendance is expected and attendance is mandatory on the Friday before February break (February 16) and the Friday before Fancy Dress (March 9).

Problems for each section.

Chapter 0.

Section 1: 1, 3, 5, 7, 9, 13, 19, 21, 23, 25, 27, 33

Section 2: 1, 3, 7, 9, 13, 15, 21, 23

Chapter 1.

Section 3: 3, 5, 9, 11, 13, 17, 21, 25, 27, 30–32, 33, 37

Section 4: 1, 13, 21, 25, 27, 29, 34–38, 41, 43

Section 5: 1, 3, 7, 11, 13, 15, 17, 21, 25, 27, 35, 39

Section 6: 1, 3, 5, 7, 9, 13, 17, 19, 21, 23, 25, 27, 31, 37

Section 7: 3, 5, 7, 15, 17, 19, 23, 25, 27, 29, 31, 33, 37

Section 8: 5, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 31, 33–40

Chapter 2.

Section 9: 1, 5, 7, 9, 11, 13, 15, 17, 21

Section 10: 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 20–23, 25, 27, 29, 31

Section 11: 1, 3, 5, 11, 19, 23, 24, 25, 27, 29

Section 12: 1, 3, 5, 7, 11, 13, 17, 19, 21, 23, 25, 33–36

Section 13: 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 23, 25, 27, 29, 31, 33, 41, 45

Section 14: 3, 5, 7, 9, 11, 13, 15, 19, 21, 29, 33, 35, 38–40

Chapter 3.

Section 15: 1, 3, 5, 7, 9, 11, 15, 20–23, 25, 27, 29, 31, 37, 39, 43

Section 16: 1, 3, 7–10, 15, 17, 21, 23, 27, 29–33, 35, 37, 39, 41

Section 17: 1, 3, 5, 7, 9, 17, 19, 21, 27, 31, 33, 39, 41, 44

Section 18: 1, 3, 5, 7, 13, 15, 17, 25, 27, 29, 31, 33, 37

Section 19: 1, 3, 5, 7, 11, 13, 15, 17, 19–21, 23, 25