

MATH 417 Undergraduate Abstract Algebra. Spring 2019
MWF 11:00-11:50am (343 Altgeld) & MWF 1:00-1:50pm (447 Altgeld)
Instructor: Dr. Walton. notlaw@illinois.edu. Office: 374 Altgeld

Last Revision: April 29, 2019 [set, no forthcoming edits]

DATE	SECTION of Goodman v2.6	HOMEWORK Worth 35% of course grade. Will drop lowest two scores. Due at start of class. No late submissions allowed w/o official excuse.	QUIZ Worth 15% of course grade. Will drop lowest the score.	EXAMS Worth 50% of grade Midterms worth 15% each Final is worth 20%	Selected Lecture Notes and Announcements
M Jan 14	Logistics and "What is Algebra?"				
W Jan 16	Logic Review				Lecture Notes: https://www.dropbox.com/s/s73xfrysmc4ceir/2-Math417S19-Logic-W20190116.PDF?dl=0
F Jan 18	1.1, 1.2, 1.3	HW 1 [found here] due at the beg. of class			
W Jan 23	1.4, 1.5				
F Jan 25	1.6, 1.7	HW 2 [found here] due at the beg. of class	Quiz 1		Lecture Notes: https://www.dropbox.com/s/tl6u7mqa8jp8mwg/5-Math417S19-1.6-1.7-F20190125.pdf?dl=0 This material was part of Math 347. Please read Section 1.8 as well
M Jan 28	1.10, rest of 1.7				Lecture Notes: https://www.dropbox.com/s/d1kzfwnst9hqik/6-Math417S19-1.10-1.7-M20190128.pdf?dl=0
W Jan 30	1.10, 1.11				Due to the extreme weather conditions on Wed. January 30th, class is available via Video: https://youtu.be/euRRouiC6H4 Lecture Notes: https://www.dropbox.com/s/8b3r3cdtf72m26k/7.1-Math417S19-1.10-1.11-W20190130-GH.PDF?dl=0
F Feb 1	1.11	HW 3 [found here] due at the beg. of class	Quiz 2		
M Feb 4	2.1				
W Feb 6	2.1, 2.2				
F Feb 8	2.2	HW 4 [found here] due at the beg. of class	Quiz 3		Lecture Notes: https://www.dropbox.com/s/q1krl36lgx4tjcx/11-Math417S19-2.2-F20190208.pdf?dl=0 Substitute Instructor: Dr. C. Leininger
M Feb 11	2.2				
W Feb 13	2.3, 2.4				Lecture Notes: https://www.dropbox.com/s/2cilo4xf2aorbu/13-Math417S19-2.3-2.4-W20190213.pdf?dl=0
F Feb 15	2.4	HW 5 [found here] due at the beg. of class			See HW6 for problems on Section 2.4 (practice problems for Midterm 1)
M Feb 18	2.5				Lecture Notes: https://www.dropbox.com/s/pmfv7vdexh06n90/15-Math417S19-2.5-M20190218.PDF?dl=0
W Feb 20	2.5, 2.6				
F Feb 22				Midterm 1 on Sections 1.1 - 2.4 as covered in class	
M Feb 25	2.6, 2.7				
W Feb 27	2.7				
F Mar 1	2.7	HW 6 [found here] due at the beg. of class			
M Mar 4	3.1				
W Mar 6	3.1				
F Mar 8	3.2	HW 7 [found here] due at the beg. of class	Quiz 4		
M Mar 11	3.6				Lecture Notes: https://www.dropbox.com/s/nqit5huyhmelue/23-Math417-3.6-20190311.pdf?dl=0
W Mar 13	3.6				
F Mar 15	4.1, 4.2	HW 8 [found here] due at the beg. of class	Quiz 5		
M Mar 25	4.1, 4.2				Lecture Notes: https://www.dropbox.com/s/a9wkz9u91rdav47/26-Math417-4.1-4.2-20190325.PDF?dl=0 Substitute Instructor: Dr. J. Pascaleff
W Mar 27	5.1				Lecture Notes: https://www.dropbox.com/s/stmyc4ef1cocmdn/27-Math417-5.1-20190327.PDF?dl=0 Substitute Instructor: Dr. T. Nevins
F Mar 29	5.1	HW 9 [found here] due at the beg. of class			Lecture Notes: https://www.dropbox.com/s/bjs0bciphb2798r/28-Math417-5.1-20190329.PDF?dl=0 Substitute Instructor: Dr. C. Leininger
M Apr 1	5.3, 5.4				Lecture Notes: https://www.dropbox.com/s/xwsoev0f13rv8ab/29-Math417-5.3-5.4-20190401.pdf?dl=0
W Apr 3	5.4				
F Apr 5				Midterm 2 Emphasis: Material from Feb 18 - Mar 29 (not including Section 3.2)	
M Apr 8	5.4				Video: https://youtu.be/V6-VV-F4-Yo Lecture Notes: https://www.dropbox.com/s/z710azxfjl3yaw0/31.1-Math417-5.4-20190408.pdf?dl=0
W Apr 10	5.4				Lecture Notes: https://www.dropbox.com/s/xzxlskeoj8na11/32-Math417-5.4-20190410.pdf?dl=0
F Apr 12	6.1	HW 10 [found here] due at the beg. of class			
M Apr 15	6.1, 6.2				
W Apr 17	6.2				
F Apr 19	6.2	HW 11 [found here] due at the beg. of class	Quiz 6		
M Apr 22	6.2, 6.3				Lecture Notes: https://www.dropbox.com/s/9s173l01ecctsy3/37-Math417-6.2-6.3-20190422.pdf?dl=0
W Apr 24	6.3				
F Apr 26	6.3, 6.5 (partially: focused on terminology and examples)	HW 12 [found here] due at the beg. of class			Lecture Notes: https://www.dropbox.com/s/wgq01uyxy4jyoxz/39-Math417-6.3-6.4-6.5-20190426.PDF?dl=0
M Apr 29	Review Day				See email for arrangement this week
W May 1	Review Day				See email for arrangement this week
M May 6 7pm - 10pm 253 Mechanical Engineering Bldg				Final Exam : Cumulative 30 questions, multiple choice ~15 questions on Material from Apr 1 - Apr 26	Only writing utensils and ONE (2-sided) 8.5 x 11" sheet of notes allowed. Scrap paper available in exam room.