

Day	Date	Sxn	Topic/Assignment
1-M	8/23	0	Sets and Relations <i>HW: 3, 4, 7, 11, 12, 13, 14, 15, 16, 17, 18, 22, 27, 29, 30, 31, 32, 35.</i>
1-W	8/25	0	Discussion
1-F	8/27	1	Introduction and Examples <i>HW: 3, 8, 10, 12, 16, 20, 21, 26, 27, 30, 34, 35, 37, 38, 41.</i>
2-M	8/30	1	Discussion
2-W	9/1	2	Binary Operations <i>HW: 5, 6, 8, 9, 12, 13, 16, 17, 18, 24, 25, 28, 31, 32, 35, 36, 37.</i>
2-F	9/3	2	Discussion START TAKE-HOME TEST I (<i>covers sections 0, 1, 2, 3</i>)
3-M	9/6	3	Isomorphic Binary Structures <i>HW 4, 6, 7, 8, 11, 16, 17, 20, 22, 26, 27, 28, 29, 30, 34.</i>
3-W	9/8	3	Discussion
3-F	9/10	4	Groups <i>HW: 1, 4, 10, 12, 14, 19, 20, 21, 23, 24, 25, 28, 31, 33, 34, 41.</i>
4-M	9/13	4	Discussion
4-W	9/15	-	Review Discussion
4-F	9/17	-	HAND IN TAKE-HOME TEST I IN-CLASS TEST I (<i>covers sections 0, 1, 2, 3, 4</i>)
5-M	9/20	5	Subgroups <i>HW: 2, 8, 19, 20, 26, 28, 29, 36, 39, 41, 42, 45, 51, 52, 53, 54, 55.</i>
5-W	9/22	5	Discussion
5-F	9/24	6	Cyclic Groups <i>HW: 2, 6, 9, 15, 16, 18, 20, 23, 28, 32, 35, 36, 37, 40, 44, 45, 51, 55.</i>
6-M	9/27	6	Discussion
6-W	9/29	7	Generating Sets and Cayley Digraphs <i>HW: 1, 2, 4, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 17, 18, 19.</i>
6-F	10/1	7	Discussion
7-M	10/4	8	Groups of Permutations <i>HW: 4, 7, 10, 12, 14, 15, 18, 19, 24, 27, 35, 38, 39, 40, 44, 45, 46, 48, 53.</i>
7-W	10/6	8	Discussion
7-F	10/8	9	Orbits, Cycles, and the Alternating Groups <i>HW: 2, 6, 7, 11, 13, 17, 18, 19, 23, 24, 27ab, 29, 30, 31, 32, 34, 35</i> START TAKE-HOME TEST II (<i>covers sections 4, 5, 6, 7, 8, 9</i>)
8-M	10/11	9	Discussion
8-W	10/13	10	Cosets and the Theorem of Lagrange <i>HW: 4, 6, 7, 8, 9, 10, 11, 16, 19, 24, 26, 28, 29, 30, 32, 34, 40, 42.</i>
8-F	10/15	-	<i>Fall Break</i>

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Fall 2004

Day	Date	Sxn	Topic/Assignment
9-M	10/18	10	Discussion
9-W	10/20	-	Review Discussion
9-F	10/22	-	HAND IN TAKE-HOME TEST II IN-CLASS TEST II (covers sections 5, 6, 7, 8, 9, 10)
10-M	10/25	11	Direct Products and Finitely Generated Abelian Groups <i>HW: 2, 6, 8, 12, 13, 14, 18, 23, 24, 29, 30, 31, 32, 36, 39, 44, 46.</i>
10-W	10/27	11	Discussion
10-F	10/29	13	Homomorphisms <i>HW: 4, 8, 9, 18, 19, 21, 23, 28, 29, 32, 33, 35, 36, 37, 41, 44, 45, 46, 47, 51, 52.</i>
11-M	11/1	13	Discussion
11-W	11/3	18	Rings and Fields <i>HW: 6, 7, 12, 15, 19, 20, 23, 24, 27, 28, 32, 33, 35, 37, 40, 42, 44, 48.</i>
11-F	11/5	18	Discussion START TAKE-HOME TEST III (covers sections 10, 11, 13, 18, 19)
12-M	11/8	19	Integral Domains <i>HW: 1, 2, 7, 10, 13, 14, 15, 16, 17, 18, 20, 23, 30.</i>
12-W	11/10	19	Discussion
12-F	11/12	21	The Field of Quotients of an Integral Domain <i>HW: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14.</i>
13-M	11/15	21	Discussion
13-W	11/17	-	Review Discussion
13-F	11/19	-	HAND IN TAKE-HOME TEST III IN-CLASS TEST III (covers sections 11, 13, 18, 19, 21)
14-M	11/22	22	Rings of Polynomials <i>HW: 4, 6, 10, 14, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28.</i>
14-W	11/24	-	<i>Thanksgiving Break</i>
14-F	11/26	-	<i>Thanksgiving Break</i>
15-M	11/29	22	Discussion
15-W	12/1	23	Factorization of Polynomials over a Field <i>HW: 2, 4, 10, 11, 12, 13, 14, 16, 17, 19, 25, 26, 28, 36.</i>
15-F	12/3	23	Discussion <i>Teacher-Course Evaluations and Information About the Final Exam</i>

Final Exam: Monday, December 6, 10:30 am – 12:30 pm, Burruss 034.