

We will follow the textbook *The Complexity Theory Companion* by Hemaspaandra and Ogihara. The following schedule outlines the material to be covered during the semester and specifies the corresponding sections in the textbook.

<b>Date</b>	<b>Topic</b>	<b>Reading</b>	<b>HW</b>
Thu 09/01	Review	A.1–4	
Tue 09/06	Review	A.6–7, A.10–11	hw1
Thu 09/08	Self-Reducibility	1.1–4	
Tue 09/13	Self-Reducibility		
Thu 09/15	Self-Reducibility		hw2
Tue 09/20	Tournament Divide & Conquer	3.1–4	
Thu 09/22	Tournament Divide & Conquer		
Tue 09/27	Tournament Divide & Conquer		
Thu 09/29	Isolation	4.1–4	
Tue 10/04	Isolation		
Thu 10/06	Isolation		hw3
Tue 10/11	Student Presentation #1	TBA	
Thu 10/13	Witness Reduction	5.1–5	
Tue 10/18	Witness Reduction		
Thu 10/20	Witness Reduction		hw4
Tue 10/25	Student Presentation #2	TBA	
Thu 10/27	Polynomial Interpolation	6.1–5	
Tue 11/01	Polynomial Interpolation		
Thu 11/03	Polynomial Interpolation		hw5
Tue 11/08	Student Presentation #3	TBA	
Thu 11/10	Nonsolvable Group	7.1–4	
Tue 11/15	Nonsolvable Group		
Thu 11/17	Nonsolvable Group		hw6
Tue 11/22	Student Presentation #4	TBA	
Thu 11/24	<i>Thanksgiving Day</i>		
Tue 11/29	Random Restriction	8.1–5	
Thu 12/01	Random Restriction		
Tue 12/06	Random Restriction		hw7
Thu 12/08	Student Presentation #5	TBA	
Tue 12/13	Student Presentation #6	TBA	