

**COMP 481 : Automata, Formal Languages, and Computability**  
**Spring 2010 (<http://www.cs.rice.edu/~nakhleh/COMP481>)**

Date	General Topic	Events	HW OUT	HW DUE
Jan 12, 2010	<b>Regular and Context-free Languages</b>		Hw#1	
Jan 14, 2010				
Jan 19, 2010		[Instructor out of town; no class]		
Jan 21, 2010			Hw#2	Hw#1
Jan 26, 2010				
Jan 28, 2010				
Feb 2, 2010			Hw#3	Hw#2
Feb 4, 2010				
Feb 9, 2010			Hw#4	Hw#3
Feb 11, 2010				
Feb 16, 2010				
Feb 18, 2010			Hw#5	Hw#4
Feb 22, 2010	<b>Turing Machines and Decidability</b>	<b>MIDTERM 4:00 PM</b>		
Feb 23, 2010				
Feb 25, 2010			Hw#6	Hw#5
Mar 2, 2010		SPRING BREAK		
Mar 4, 2010		SPRING BREAK		
Mar 9, 2010				
Mar 11, 2010		[Instructor out of town; no class]		
Mar 16, 2010			Hw#7	Hw#6
Mar 18, 2010				
Mar 23, 2010				
Mar 25, 2010			Hw#8	Hw#7
Mar 30, 2010	<b>Complexity</b>			
Apr 1, 2010		MIDTERM RECESS		
Apr 6, 2010			Hw#9	Hw#8
Apr 8, 2010				
Apr 13, 2010			Hw#10	Hw#9
Apr 15, 2010				
Apr 20, 2010				
Apr 22, 2010				Hw#10
Apr ??, 2010		<b>FINAL</b>		

**Staff:**

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TA: Sagnak Tasirlar, [sagnak@rice.edu](mailto:sagnak@rice.edu), DH 3097

Office hours: by appointment (send an email)

**Meeting place and time:**

DH 1042, T&Th 2:30-3:50

**Textbook:**

Elaine A. Rich, "Automata, Computability, and Complexity: Theory and Applications." Prentice-Hall, 2008.

**Grading:**

25% Homework assignments

25% Midterm (in-class, open-book and open-notes)

50% Final Exam (in-class, open-book and open-notes)

**Homeworks:**

Collaboration is allowed (in fact, encouraged), but each student must write his/her own solutions.

You must turn in the solutions to homework assignments at the beginning of class on the due date.

**Academic integrity:**

All students in class will be held to the highest standards of academic integrity, and we will follow the Rice Honor System (<http://www.ruf.rice.edu/~honor/>)

**Students with disability:**

Any student with a documented disability needing academic adjustments or accommodations is requested to speak with me during the first two weeks of class. All discussions will remain confidential. Students with disabilities will need to also contact Disability Support Services in the Ley Student Center.