		Monday	Wednesday	Friday		
1			29 duction to shared memory model, transition sys			
			duction to shared memory model, transition sys	tems		
	Topics	Intro	Shared Memory	Shared Memory		
~~~~	Slides	01	01	01		
	Exercise Booklet	01	01	01		
	Assignments			HW1 (threads)		
	Reading					
	Quiz September					
2	September	3 (Labor Day - No classes)	Critical Section and Mutual Exclusion	/		
	Topics	Critical Section and Mutual Exclusion	Critical Section and Mutual Exclusion	Atomic actions		
	Slides	02	02	02		
	Exercise Booklet	02	02	02		
	Assignments			HW1 due / HW2 (semaphores)		
	Reading					
	Quiz		Q1			
3		10	12	14		
			Semaphores			
	Topics	Semaphores	Semaphores	Producers/Consumers		
	Slides		03	04		
	Exercise Booklet		03	04		
	Assignments					
••••	Reading					
	Quiz		Q2			
1		17	19	21		
		Patterns with Sema	phors: Readers/Writers, Unbounded buffers, Pr	oducers/Consumers		
	Topics	Readers/Writers	Semaphores: restroom example	Semaphores: another example		
	Slides	04	04	04		
~~~	Exercise Booklet	04	04	04		
	Assignments			HW2 due/ HW3 (monitors)		
	Reading			11112 dde, 11113 (11101111013)		
	Quiz					
5	Quiz	24	26	28		
			Monitors	<u> </u>		
	Topics	Monitors	Monitors	Monitors: An example		
,,,,,,,,,,	Slides	05	05	05		
	Exercise Booklet	05	05	05		
ww	Assignments	03	03	03		
	Reading		02			
ŝ	Quiz October	1	ري ع	E		
J	October	1 3 5 5 Maritan				
	Tanias	Aprileon, signal and applicate and providers in la-	Monitors	T		
·····	,	onitors: signal and continue and monitors in Jav	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	25		
m	Slides	06	06	06		
	Exercise Booklet	06	06	06		
	Assignments			HW3 due		
	Reading					
	Quiz	O (Sall Basses No Cl.) To the	Q4			
7		8 (Fall Recess -No Classes) Tuesday 9 - 10 12				
			Review and Midterm	2 22 22		
~~~	Topics	Tuesday 9 - Monday Class Schedule	Review	Midterm		
~~~~						
~~~	Slides			<b>{</b>		
	Exercise Booklet		, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	·		
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	Exercise Booklet					
	Exercise Booklet Assignments		Q5			
	Exercise Booklet Assignments Reading	15		19		
	Exercise Booklet Assignments Reading	15	Q5 17 Message Passing			
8	Exercise Booklet Assignments Reading	15 Erlang: Sequential Fragment	17			
8	Exercise Booklet Assignments Reading Quiz		17 Message Passing	19 Erlang: Sequential Fragment - Examples 07		

Ass	signments			HW4 (sequetial erlang)
~~~~~	ading			V-7
Qui			Q6	
9		22	24	26
			Erlang	,
Top		Exercises in Class	Quiz	Typing in Erlang
Slic		07	07	07
	ercise Booklet	07	07	07
	signments	HW3		HW4 due/ HW5 (concurrent erlang)
	ading			
Qui		20	Q7	
10	November	29	<b>31</b> Erlang	2
Top	pics	Erlang: Concurrency	Erlang: Concurrency	Erlang: Concurrency - Examples
Slic		08	08	S
	ercise Booklet			
	signments			
	ading	······································		
Qui		······································	Q8	
11	<u>-</u>	5	Q8 <b>7</b>	9
			Erlang	
Top	oics	Erlang: Client-Server	Erlang: Concurrent Patterns	Erlang: Concurrent Patterns
Slic				
Exe	ercise Booklet			
Ass	signments			HW5 due
Rea	ading			
Qui	iz		Q9	
12		12	14	16
			Model Checking	
Top	oics	Model Checking	Promela and Spin	Promela and Spin
Slic	~~~~~~			
	ercise Booklet			HW6 (model-checking)
	signments			
	ading			
Qui	İZ		Q10	
13	<mark>-</mark>	19	21	23
		- 10 600 1160 10	Model Checking	
Top		Foundations of Model Checking	I hanksgiv	ing recess
Slic	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
Exe	ercise Booklet			
	signments 			
	ading		044	
Qui	IZ	20	Q11	30
14	<del> </del>	26	<b>28</b> Model Checking	30
Тор	nics	Foundations of Model Checking	Foundations of Model Checking	Foundations of Model Checking
Slic		1 ouridations of Woder Checking	1 oundations of Model Checking	i odiladions of Model Checking
	ercise Booklet			
	signments			HW6 due
	ading			11VVO duc
Qui			Q12	
15	December	3	5	7
Тор			Review and Exam	
Slic	• • • • • • • • • • • • • • • • • • • •	Foundations of Model Checking	Review	Second Exam
	ercise Booklet			
	signments	······································		
	ading		•••••	
Qui		······		
16	· <del>-</del>	11	15	16
	·····		Final exam period 8-21	
				Makeup Exam
				٠