

Princeton University  
 COS 217: Introduction to Programming Systems  
 Fall 2001 Schedule

S	M	Tu	W	Th	F	S
				9/13 L1 Introduction	9/14 P1 Introduction	
	9/17 P2 Using UNIX and bash	9/18 L2 Interfaces	9/19	9/20 L3 Scope	9/21 P3 A modularity example: Stack	
	9/24 P4 The xemacs editor <i>Asgt. 1 due</i>	9/25 L4 Types	9/26	9/27 L5 Operations	9/28 P5 An ADT example: List	
	10/1 P6 The gdb debugger	10/2 L6 Pointers	10/3 <i>Asgt. 2 due</i>	10/4 L7 Pointers (cont.)	10/5 P7 An ADT example: ListIter	
	10/8 P8 The make tool	10/9 L8 Structures	10/10	10/11 L9 Architecture	10/12 P9 Hanson's Table ADT	
	10/15 P10 Pre-exam review	10/16 L10 SPARC instruction set	10/17 <i>Mid- term exam 1</i>	10/18 L11 Assembly lang. branching	10/19 P11 Assem. lang. simple and branching egs.	
	10/22 P12 gdb for assembly lang. <i>Asgt. 3 due</i>	10/23 L12 Assembly lang. branching	10/24	10/25 L13 Assembly lang. proc. calls	10/26 P13 Assembly lang. stack & proc. call egs.	
	<i>10/29 Fall recess</i>	<i>10/30 Fall recess</i>	<i>10/31</i>	<i>11/1 Fall recess</i>	<i>11/2 Fall recess</i>	
	11/5 P14 Post-exam review	11/6 L14 Assembler	11/7	11/8 L15 Assembler	11/9 P15 Assem. lang. external data and text egs.	
	11/12 P16 The rcs source code ctrl. sys. <i>Asgt. 4 due</i>	11/13 L16 Linker	11/14	11/15 L17 System calls	11/16 P17 Asgt. 5 discussion	

	<b>11/19 P18</b> Asgt. 5 discussion	<b>11/20 L18</b> Processes	<b>11/21</b>	<b>11/22</b> <i>Thanksgiving holiday</i>	<b>11/23</b> <i>Thanksgiving holiday</i>	
	<b>11/26 P19</b> Pre-exam review	<b>11/27 L19</b> Signals	<b>11/28</b> <i>Mid- term exam 2</i>	<b>11/29 L20</b> Operating systems (cont.)	<b>11/30 P20</b> UNIX exec, fork, and redirect egs.	
	<b>12/3 P21</b> Post-exam review	<b>12/4 L21</b> malloc	<b>12/5</b> <i>Asgt. 5 due</i>	<b>12/6 L22</b> Performance tuning	<b>12/7 P22</b> The gprof performance tuning tool	
	<b>12/10 P23</b> UNIX pipe and signal egs.	<b>12/11 L23</b> Networking	<b>12/12</b>	<b>12/13 L24</b> Object-oriented programming	<b>12/14 P24</b> OOP examples	
	<i>12/17 Winter recess</i>	<i>12/18 Winter recess</i>	<i>12/19</i>	<i>12/20 Winter recess</i>	<i>12/21 Winter recess</i>	
	<i>12/24 Winter recess</i>	<i>12/25 Winter recess</i>	<i>12/26</i>	<i>12/27 Winter recess</i>	<i>12/28 Winter recess</i>	
	<i>12/31 Winter recess</i>	<i>1/1 Winter recess</i>	<i>1/2</i>	<i>1/3 Winter recess</i>	<i>1/4 Winter recess</i>	
	<i>1/7 Reading period</i>	<i>1/8 Reading period</i>	<i>1/9</i>	<i>1/10 Reading period</i>	<i>1/11 Reading period</i>	
	<i>1/14 Reading period</i>	<i>1/15 Dean's day Asgt. 6 due</i>	<i>1/16</i>	<i>1/17 Final exam period</i>	<i>1/18 Final exam period</i>	
	<i>1/21 Final exam period</i>	<i>1/22 Final exam period</i>	<i>1/23</i>	<i>1/24 Final exam period</i>	<i>1/25 Final exam period</i>	