













Multi-Core Programming											
<ul> <li>Concurrent Execution on a Single-core System</li> </ul>											
single core	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>4</sub>	T <sub>1</sub>	T <sub>2</sub>	T <sub>3</sub>	T <sub>4</sub>	T <sub>1</sub>		
time											
Parallel Execution on a Multi-core System											
core 1	T <sub>1</sub>	T <sub>3</sub>	T <sub>1</sub>	T <sub>3</sub>	T <sub>1</sub>						
core 2	T <sub>2</sub>	T <sub>4</sub>	T <sub>2</sub>	T <sub>4</sub>	T <sub>2</sub>						
	time										
						(slide	modified	-			
Operating System Concepts – 8th Edition					4.8	(slide modified by R. Doemer, 04/15/10) // Silberschatz, Galvin and Gagne ©2009					











































