



























Mu	Itilevel Queue Scheduling
highest prior	ty
	system processes
	interactive processes
	interactive editing processes
	batch processes
	student processes
lowest priori	y
	The second se
Operating System Concepts	6.15 Silberschatz, Galvin and Gagne ©2002













































Bounde	d-Buffer Probler	n Consumer Process
	do { wait(full) wait(mutex);	
	remove an item fro	om buffer to nextc
	 signal(mutex); signal(empty);	
	 consume the item	in nextc
	 } while (1);	
Operating System Concepts	7.38	Silberschatz, Galvin and Gagne ©2002









	Bridge Cross	ing Example
 Traffic on Each sec If a deadl up (preer Several c occurs. 	Ily in one direction. tion of a bridge can be vi ock occurs, it can be res npt resources and rollbac cars may have to be back	iewed as a resource. olved if one car backs ck). xed up if a deadlock
Starvatio	n is possible. ^{8.43}	Silberschatz, Galvin and Gagne ©2002





























