

**Lehrinhalte Fachbereich Informatik & Softwaretechnik**  
**Studiengang ITS**  
**Fachhochschule Salzburg**

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Titel der LV	Betriebssysteme (BTS)
LV-Typ	LB
WS/SS	WS 2005
SWS	1
Gruppen	

Nr.	Thema	Inhalte / Aufgabenstellung
Modul 1		Shell :: Introduction to the implementation project
Modul 2		Shell :: Parsing, quit, environ, echo, clr
Modul 3		Shell :: dir, cd, setting environment variables
Modul 4		Shell :: program invocation (fork/execute)
Modul 5		Shell :: stdin/stdout redirection and pipes
Modul 6		Shell :: background execution
Modul 7		Written exam on shell implementation (multiple choice)
Modul 8		BACI :: Introduction to BACI
Modul 9		BACI :: concurrently adding with semaphores
Modul 10		BACI :: monitor implementation of a semaphore
Modul 11		BACI :: semaphore implementation of a monitor
Modul 12		BACI :: producer/consumer example
Modul 13		Lab exam on a BACI implementation 1/2
Modul 14		Lab exam on a BACI implementation 2/2