

# Course Information

## EE 482, Semiconductor Devices

### Fall 2002

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TA:	Fran Taylor EE1 Room 039 (LB) fet@u.washington.edu	
Office hours:	TBA	
Text:	“Semiconductor Physics and Devices” by Neamen	
Reference Texts:	“Semiconductor Device Fundamentals” by Pierret “Devices for Integrated Circuits,” by Casey “Semiconductor Devices: An Introduction” by Singh “Solid State Electronic Devices” Streetman “Device Electronics for Integrated Circuits” by Muller and Kamins “Advanced Semiconductor Fundamentals” by Pierret	
Simulation Software:	ATLAS (Silvaco) Available on WinNT/Win2000 machines in EE domain	
Grading Policy:	Homework:	10%
	Exam 1:	25%
	Exam 2:	25%
	Final:	40%
Prerequisites:	Devices and Circuits II (EE 332): basic device behavior, Applied Electromagnetics (EE 361): Poisson’s equation	