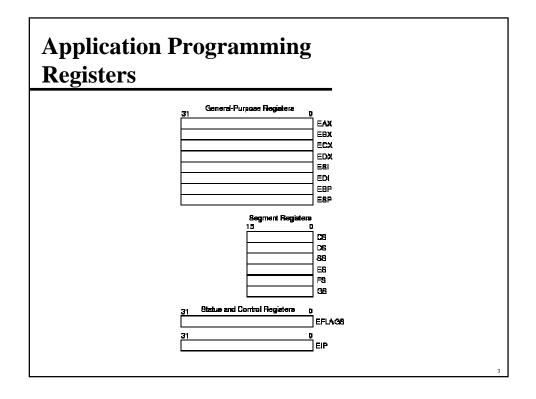
CSCE 351 Operating System Kernels

Intel Architecture

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http://www.cse.unl.edu/~goddard/Courses/CSCE351

Basic Execution Environment 2^{ce} -11 Eight 32-bit Registers General-Purpose Registers Six 16-bit Segment Registers Address Registers Space* 32-bits **EFLAGS Register** 32-bits EIP (Instruction Pointer Register) 'The address space can be flat or segmented.



Alternate General-Purpose Register Names

General-Purpose Registers						
31	16	15 8	7	0	16-b H	32-bit
		AH	AL		ΑX	EAX
		ВН	BL		BX	EBX
		CH	CL		CX	ECX
		DH	DL		DX	EDX
		BP				EBP
		엶				ESI
		DI				EDI
		SP				ESP.

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