

Web Stuff					
Course Wiki https://wiki.cse.vorku.ca/course_archive/2013-14/F/3201/					
Department of Electrical Engineering & Computer Science CSE3201 What's New Course Outline Important Dates Grades Assignments Forums Contact Policies Resources Textbook FAQs Academic Dishonesty Wiki Help	SCICSE 3201 DIGITAL LOGIC DESIGN Description LEICSE 3201 4.00 Digital Logic Design Theory and design of Digic circuits used in digital systems. This is an intermediate level course that uses a Hardware Design Language to liturate modern design techniques and is supplemented by hardware laboratory exercise (two hours per week). Prerequisites: A cumulative grade point average of 4.5 or better over all completed major computer science courses, SCICSE 2021 4.00, SCIPHYS 3150 3.00 is strongly recommended. Prior to Fall 2009. Prerequisites: General perequisites. The science course of AKAS/SCICOSC 2021 4.00, AKIAS/SCICOSC 2021 4.00, SCIPHYS 3150 3.00 is strongly recommended. Prior to Fall 2009. Preventies (the course of the science course). Lecture Times • Wednesdays and Fridays, 9:30am - 11:00am, CB 122 Lab Times • Mondays, 9:30am - 11:30am, LAS 1004A				
CSE 3201, F13	L1: Introduction	2			

Mark Breakdown					
Component		Percentage			
Assignments (4,	1 st one due Wed. Sept. 25	5) 10			
Labs (9, 1 st one	on Sept. 23)	15			
Midterm (tentativ	ely on Wed. Oct. 23)	25			
Final		50			
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Textbook & Topics						
Textbook: Fundamentals of Digital	Application Software	Programs				
• Ch. $1 - 6 + B$	Operating Systems	Device Drivers				
1. General Introduction	Architecture	Instructions Registers				
2. Intro. to Logic Circuits	Micro- architecture	Datapaths Controllers				
 Combinational Circuits 		Adders Memories				
5. Flip-Flops, Registers, and Counters	Digital Circuits	AND Gates NOT Gates				
B. Implementation Technology	Analog Circuits	Amplifiers Filters				
	Devices	Transistors Diodes				
	Physics	Electrons				
CSE 3201, F13 L1: Introduction	© E	İsevier, Harris 6				





























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• 2 ¹ =	• 2 ⁹ =			
• 2 ² =	• 2 ¹⁰ =			
• 2 ³ =	• 2 ¹¹ =			
• 2 ⁴ =	• 2 ¹² =			
• 2 ⁵ =	• 2 ¹³ =			
• 2 ⁶ =	• 2 ¹⁴ =			
• 2 ⁷ =	• 2 ¹⁵ =			
 Handy to memorize up to 2⁹ 				
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