Quiz 7 Results

Part 7g of
"Electronics and Telecommunications"
A Fairfield University E-Course
Powered by LearnLinc

Module: Digital Electronics
(in two parts)

- Text: "[Digital Logic Tutorial](#) ," [Ken Bigelow](#), http://www.play-hookey.com/digital/

- References:
  - "[Electronics Tutorial](#)", part 10 (Thanks to Alex Pounds)
    http://doctord.dyndns.org:8000/courses/Topics/Electronics/Alex_Pounds/Index.htm

- Contents:
  - 7 – Digital Electronics 1
    - 5 on-line sessions plus one lab and a quiz
  - 8 – Digital Electronics 2
    - 5 on-line sessions plus one lab and a quiz

- Mastery Test part 4 follows this Module

Section 7: Digital Electronics 1

- Logic gates and Boolean algebra

- Truth Tables

- Binary numbers

- Memory

- Flip-Flops

Section 8: Digital Electronics 2

- Clocks and Counters

- Shift Registers
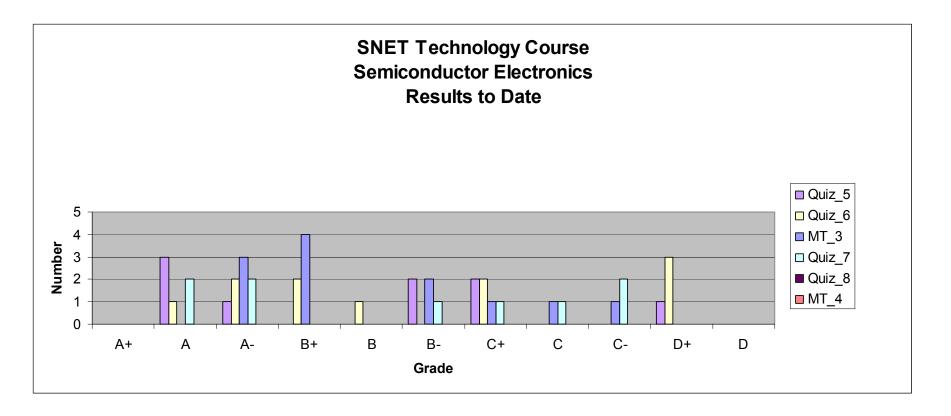
- Decoders

- Multiplexers & Demultiplexers

- Sampling

- **MT4**

Section 7 Schedule

Session 7a	03/05	Introduction: Binary, Logic Gates and Boolean	Alex Pounds: Part 10 "Ken B": Home, Basic Gates, & Boolean Algebra
Session 7b	03/10	Logic Gates and Truth Tables	Alex Pounds: Part 10 "Ken B": Derived Gates, Xor
Session 7c	03/12	Binary numbers	"Keb B": Binary Addition "Vinay ": Binary Numbers
Session 7d	03/17	Memory: The Latch, Registers, RAM & ROM	"Ken B": RS Nand Latch, Clocked RS Latch, D Latch
Session 7e (Lab - 03/22, Sat.)	03/19	Pulses, Clocks and Flip-Flops	"Ken B": RS Flip-Flop, JK Flip-Flop, D Flip-Flop, Flip-Flop Symbols
Session 7f (Quiz 7 due 03/30)	03/24	Review for Quiz 7	
Session 7g	**03/31**	**Quiz Results**	

Quiz_6 Results

- Those that turned in their Quiz 7 so far (9 of 12) – Nice Job, only three show some need for additional study.

SNET Technology Course
Semiconductor Electronics
Results to Date

Quiz 7

- We'll use Appshare and Word to go over Quiz_7

Section 8 Schedule (preliminary)

Session 8a	04/02	Clocks and Counters	"Hookey": "Counter" pages
Session 8b	04/07	Shift Registers	"Hookey": Derived Gates, Xor
Session 8c	04/09	Decoders	"Hookey": "Register" pages
Session 8d	04/14	Multiplexers and Demultiplexers	"Hookey": Multiplexers, Decoders/Demultiplexers
Session 8e (Lab - 04/19, Sat.)	04/16	Sampling (A/D & D/A)	Notes
Session 8f (Quiz 8 due 04/27)	04/21	Review for Quiz 7	
Session 8g	04/28	Quiz Results	
Session 8h	04/30	MT4 Q&A	
MT4	05/03		
MT4 Results	05/05		