

# Quiz 9 Results

Part 9g of  
“Electronics and Telecommunications”  
A Fairfield University E-Course  
Powered by LearnLinc

# Module: Digital Systems (in two parts)

- Texts:
  - “Computers,” Capron, Benjamin Cummings, 1996, ISBN 0-10053-0662-5
  - “Telecommunications,” Blyth, McGraw-Hill, 1990, ISBN 0-02-61001041-2
  - “Understanding Telephone Electronics,” Bigelow, Newnes, 1997, ISBN 0-7506-9944
- References:
  - [Electronics Tutorial](#) (Thanks to Alex Pounds)
  - [Electronics Tutorial](#) (Thanks to Mark Sokos)
- Part 9 – Computers
  - 5 on-line sessions plus one lab
- Part 10 – Digital Communications
  - 5 on-line sessions plus one lab
- Mastery Test part 5 follows this Module

# Digital Systems: Topics

- Computer Architecture
    - Memory: ROM, RAM, Cache, Error Checking
    - CPU and Program Control **Part 9**
    - Secondary Storage: Floppy, Hard Drive, CD / DVD
    - I/O (Human: Video, Keyboard, & Pointer)
  - Digital I/O: Serial, Parallel, IDE, USB, FireWire, SCSI
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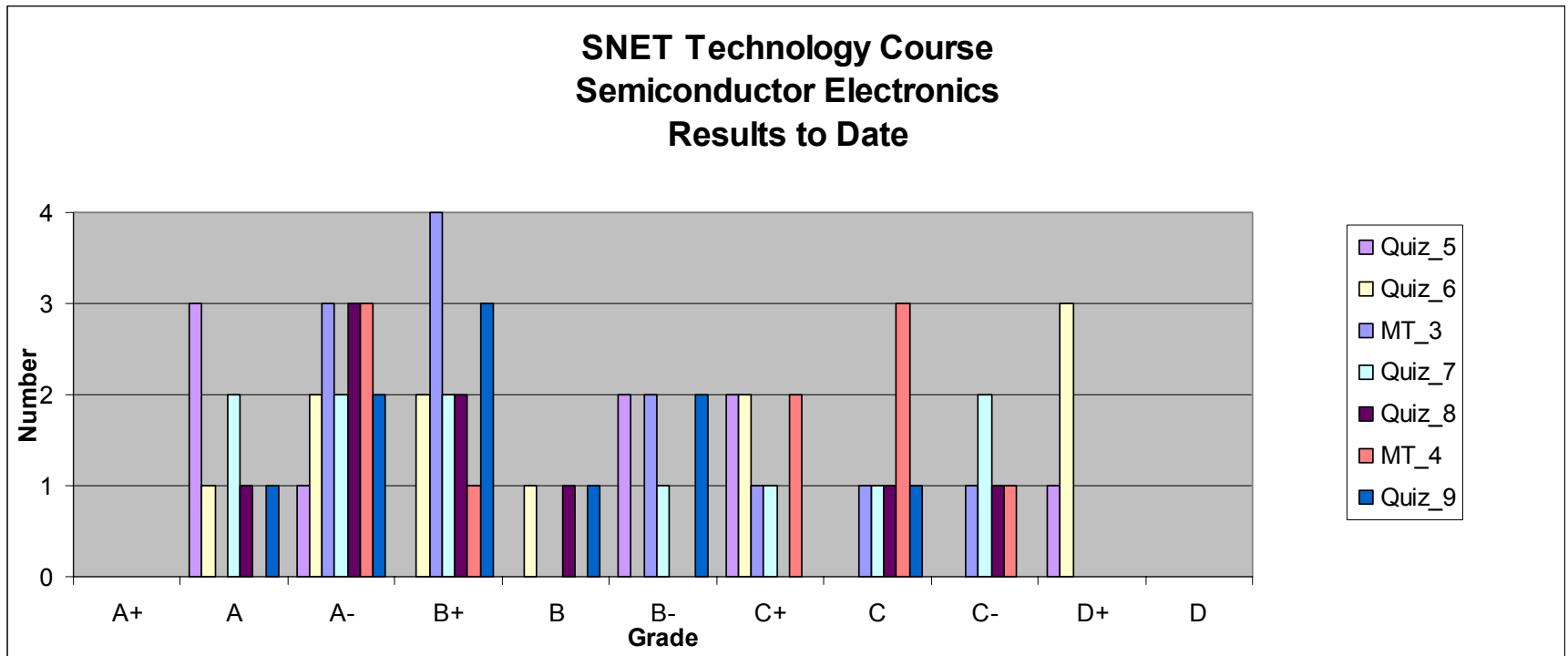
- Serial I/O: RS232
- Modems **Part 10**
  - Telephone: Modulation and Data compression
  - Cable and DSL
- Telephony Digital Transmission
- Packet Transmission
- Fiber Optics: SONET

# Section 9 Schedule

Session 9a (5/26 – Holiday)	05/21	Introduction: Computer Overview	Capron: Ch 1; Notes
Session 9b	06/02	The CPU (Central Processing Unit)	Capron: Ch 2;
Session 9c	06/04	I/O	Capron: Ch 3;
Session 9d	06/09	Data Storage	Capron: Ch 4;
Session 9e (Lab-06/14, Sat. McAuliffe 113)	06/11	Digital I/O: Serial, Parallel, IDE, SCSI, USB, and Firewire	Bigelow: pp. 2105-21010, 301-305; Notes
Session 9f Quiz 9 due 06/22)	06/16	Review for Quiz 9	
<b>Session 9g (6/18 – no class)</b>	<b>06/23</b>	<b>Quiz 9 Results</b>	

# Quiz\_9 Results

- Those that turned in their Quiz 9 so far (10 of 12) – Nice Job. Only one shows the need for more review.



# Quiz 9

- We'll use Appshare and Word to go over Quiz\_9
- As usual, this portion of the session will not be recorded.

# Section 10 Schedule (preliminary)

<b>Session 10a</b>	<b>06/30</b>	<b>RS 232</b>	<b>Bigelow: 285-290; Blythe: 162-170</b>
Session 10b	07/02	Telephone Modems	Bigelow: 290-307; Blythe: 170-176
Session 10c	07/07	Modems 2: DSL, Cable, Fax & 56K	Bigelow: 307-321; Notes
Session 10d	07/09	T-Carrier	Bigelow: 198-210
Session 10e	07/21	Packets & SONET	Bigelow: 308-309; Notes
Session 10f (Quiz 10 due 07/27)	07/23	Review for Quiz 10	
Session 10g	07/28	Quiz 10 Results	
Session 10h (Lab - 07/26, Sat.)	07/30	MT 5 Q&A	
Session 10i	08/13	MT 5 Q&A 2	
MT4 (Sat, Cheshire)	08/16	MT 5	
MT4 Results	08/18	MT 5 Results	