CSC 170 **Fall 2017** **Dr. R. M. Siegfried**

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2. Digitization
3. Bit
4. Byte
5. Binary Numbers
6. How Are Characters Stored?
    a. ASCII
    b. Unicode
7. Text Document
8. HTML Document
9. Kilobyte, Megabyte, Gigabyte Terabyte, Petabyte, Exabyte
10. Data Compression
11. Lossy And Lossless Compression

Lecture #2

1. Digital
2. Analog
3. Digital Audio
4. Analog-To-Digital Converter
5. Digital-To-Analog Converter
6. Sampling Rate
7. Ripping
8. Digital Audio Extraction
9. Download
10. MIDI
11. Speech Synthesis
12. Speech Recognition

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15. Rendering
16. Ray Tracing

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7. Form Factor
8. System Unit
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10. Mainframes
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15. Smartphones
16. Personal Computer
17. Microprocessor
18. Microprocessor Clock
19. Gigahertz
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4. Access Time
5. Data Transfer Rate
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8. Optical Drive

9. CD-ROM, CD-R, CD-RW
10. Solid State Storage
11. Non-Volatile
12. Memory Card
13. USB Flash Drive
14. Cloud Storage
15. Expansion Ports
16. Bluetooth
17. Device Driver
18. LCD
19. Dot Pitch
20. Screen Resolution
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3. Hard Disk Drive
4. Access Time
5. Data Transfer Rate
6. CD, DVD, And Blu-Ray
7. Optical Storage
8. Optical Drive

9. CD-ROM, CD-R, CD-RW
10. Solid State Storage
11. Non-Volatile
12. Memory Card
13. USB Flash Drive
14. Cloud Storage
15. Expansion Ports
16. Bluetooth
17. Device Driver
18. LCD
19. Dot Pitch
20. Screen Resolution
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5. Digital-To-Analog Converter
6. Sampling Rate
7. Ripping
8. Digital Audio Extraction
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11. Speech Synthesis
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