

9-03-08-CS8421-Num-Sys
Computer Number Systems
CS8421
Computing Systems
Dr. Ken Hoganson

Class

Will

Start

Momentarily...

Outline:

1. Decimal System (Powers-of-the-Base)
2. Binary System
3. Converting from Binary to Decimal
4. Converting from Decimal to Binary
5. Representing Negative Numbers
6. Sign-Magnitude and Problems
7. Two's Complement
8. Hexadecimal
9. Converting between Binary and Hexadecimal
10. Memory Addressing

**Coverage of this material is also in Appendix B of my
Concepts in Computing**

Memory as an array, K, Meg, Gig, #ofAddress=Lines

**End
Of
Today's
Lecture.**

