Welcome - BE1010

Introductory course for the practical use of computers in an engineering or scientific setting.

- Fundamental computers & Networks Communications
- Web Site Design & Development
- Application & Utility Use
- Programming (Visual Basic for Applications)
Lecture Outline

- Syllabus Review
- Requirements
- Access ID Information
- eLearning Overview
Syllabus Review

- http://www.enterprise.eng.wayne.edu/~robert/
- Instructor Information
- Course Information
- Course Materials & Resources
- Announcements

Instructor Notes (Student responsibility, Tips, Challenges, preparation, attendance, lab, etc...)
We teach to **think**, **research**, and **discover**.

- Search Engines
- University Web Sites
- Review old BE1010 Sites
- Computer Information Sites
- Techniques of finding information
Computers

- **Hardware**
  - Monitor
  - Keyboard
  - CPU
  - Peripherals (NIC, Sound, TV, Mass Storage, etc…)

- **Software**
  - Firmware / Drivers
  - OS
  - Applications
Hardware

- Tangible (can touch)
- May require software
- Often OS Specific (Case, Hard drive, etc…)

http://www.ckls.org/~crippel/computerlab/tutorials/basics.html
http://www.basichardware.com/
Software

- Set of Instructions – Machines to Follow
- Various forms of Instructions (gears & levers to binary)
- Computer Programs & Languages
- Generation of Languages
- http://www.thocp.net/software/software.htm
Exercise #1

Identify & Describe:
• 5 Search Engines
• 5 Basic Computer Information Sites
• 5 Hardware Devices
• 5 Hardware Information Sites
• 5 Operating Systems
• 5 Sites on Binary Information
• 5 Programming Languages

Excel Format
Two Columns (Title, URL Address, & description)
Be ready to discuss site in class.