Introduction to Computing
12TL
sections I-II
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DEWSNet Group
Dependable Embedded Wired/Wireless Networks

Course Structure and Contact Info
www.muet.edu.pk/~shaikh/courses/

- Schedule
  - Timetable, check out!

- Exams
  - 2-3 mid exams (can be surprise :)
  - Home assignments
  - Presentations in class (voluntarily)
  - Final Exam

- Faisal K. Shaikh
  - faisal.shaikh@faculty.muet.edu.pk
  - Office Hours (TL125), by appointment

Syllabus & TTP
- Available from course website

- Three major areas
  - Introduction to Computers
  - Introduction to Software/OS
  - Programming Concepts
    - C++

- Books are available (in limited numbers!) from the library
- Internet is open for all and for me too 😊
- Slides are available on the lecture’s homepage
  - I will try to upload the foils shortly before / after the lecture

Curiosity killed the cat…
- How many of you have your own computers?
- Will you bring it to MUET?
- How many of you feel comfortable with computers?
- OS?
- How many of you have used Microsoft Office before?
- Browsers?
- History of computers?

Relevant Literature + Lecture Foils
  Books are available (in limited numbers!) from the library
- It’s not an end ; ) Internet is open for all and for me too 😊
- Slides are available on the lecture’s homepage
  - I will try to upload the foils shortly before / after the lecture

Brief Introductions
- Name
- Major
- Something you hope to gain from it
- Something you think is interesting about yourself (interests, hobbies, etc)
DEWSNet Related Areas

Course Objectives
- Computer organization,
- Computer components,
- Programming principle
- Computer operating system
- Problem solving skills

Why do I care?
- Other class work easier
- Makes you more employable during summers and after graduation
- Skills transfer to other software
- Impresses your friends (unless of course, they have taken this course too)

My promises to you...
- I will treat you with respect
- I will be available for questions (after class, during office hours, and via emails)
- I will try to be engaging and helpful
- I will grade you fairly and objectively

University/Department Expectations
- Come to class on-time
- Turn in work on-time
- Do all work independently (except group work)
- Take responsibility for your own learning!

My Expectations
- Treat each other with respect
- Work hard
- Ask if you have questions!
### When do you use a computer?

- Word Processing
- Web Surfing
- Instant Messaging/Email
- Music downloads/Games

### Why do you use a computer?

- Word Processing
  - Improved communication
- Web Surfing
  - Knowledge acquisition
- Instant Messaging/Email
  - Community
- Music downloads/Games
  - Entertainment

### What do you need in a computer?

- **Word Processing**
  - WYSIWYG
  - Attached to printer/Email
- **Web Surfing**
  - Network connection
- **Instant Messaging/Email**
  - Network connection
- **Music downloads/Games**
  - Network connection
  - Disk space
  - CD-ROM/RW