

# Essential Skills - Lesson 1

**Let's start from the very beginning  
It's a very fine place to start  
When you sing you begin with Do, Re, Me  
With computers you begin with Term-in-ol-o-gy**

General computing knowledge, the history of computing, and awareness of critical computing failures are all important areas of knowledge in the world of programming. These topic areas provide knowledge which is useful for optimization, security, and software innovation. Before the session starts, I would like you to view the following (Note that the guy in the video is a bit hyper – I apologize in advance):

[What does what in your computer? Computer parts Explained - YouTube](#) – 7 basic parts

[Computer Basics - The Peripherals - YouTube](#) – Basic Peripherals

<https://www.youtube.com/watch?v=dZcszUj5szA> - What is Memory?

<https://www.youtube.com/watch?v=nQIB5qcl3R8> - What is a Motherboard?

<https://www.youtube.com/watch?v=zIYkol851dU> - BIOS

<https://www.youtube.com/watch?v=1kypaBjJ-pg 2> - CPU vs GPU

Have any questions on the videos above ready to ask in class at 10. We will also start a short primer on using Microsoft PowerPoint including creating a slideshow, using a template, entering text, and adding shapes. I have also included an Exercise titled **PowerPoint Primer – Exercise 1**. Complete these exercises to show an understanding of the lesson covered.

Complete a short technical briefing presentation on any three common computer components discussed in today's lecture. Your presentation will be a PowerPoint Presentation with one slide on each of the 3 chosen components. On each slide include:

- What the component is.
- What the component does.
- One interesting fact.

See you at 10.