**Chapter – BIOS**

**Assignment 6.0**: BIOS/UEFI configurations

**Estimated Time of Completion – 45 Minutes**

**Location of Assignment: School / Home**

**OBJECTIVE**

The objective of this assignment is for students to familiarize themselves with BIOS and UEFI, the settings and configurations that can be performed.

**OVERVIEW**

BIOS and UEFI are two of a kind, but completely different from each other. They serve one major purpose: booting the machine and they do it in different ways and with different options. Without them, all your hardware and the very machine using currently, wouldn’t even start.

Boot into the BIOS/UEFI on your computer, document the drop down menu it falls under in the Settings menu. Give a reason one would utilize the configuration.

\* Please provide a screenshot of each setting as you are completing it.

1. Change boot order.

* 1. Location in Menu:
  2. Purpose for setting:

2. Change date and time.

* 1. Location in Menu:
  2. Purpose for setting:

3. Set or change storage devices.

* 1. Location in Menu:
  2. Purpose for setting:

4. Enable Legacy Boot.

* 1. Location in Menu:
  2. Purpose for setting:

5. Change Virtualization status.

* 1. Location in Menu:
  2. Purpose for setting:

6. Enable or disable the power-on self-test (POST).

* 1. Location in Menu:
  2. Purpose for setting:

7. Set, change, or remove password access.

* 1. Location in Menu:
  2. Purpose for setting:

8. Enable or disable CPU cache.

* 1. Location in Menu:
  2. Purpose for setting:

9. Change Wake on LAN settings.

* 1. Location in Menu:
  2. Purpose for setting:

10. Set or change power settings (ACPI).

* 1. Location in Menu:
  2. Purpose for setting:

11. Enable Secure Boot.

* 1. Location in Menu:
  2. Purpose for setting:

12. Enable or disable universal serial bus (USB).

* 1. Location in Menu:
  2. Purpose for setting:

13. Set the PC to power up Mon - Fri at 6:00am.

* 1. Location in Menu:
  2. Purpose for setting:

14. Specify the primary display.

* 1. Location in Menu:
  2. Purpose for setting:

15. Check Chassis Intrusion.

* 1. Location in Menu:
  2. Purpose for setting:

16. Configure Fastboot to minimal.

* 1. Location in Menu:
  2. Purpose for setting:

17. See BOIS Events.

* 1. Location in Menu:
  2. Purpose for setting:

18. View number of slots on the motherboard.

* 1. Location in Menu:
  2. Purpose for setting:

19. Set Password on Hard Drive

* 1. Location in Menu:
  2. Purpose for setting:

20. Configure Active State Power Management to auto.

* 1. Location in Menu:
  2. Purpose for setting: