

Computer Hardware – Homework Assignment

Please follow below procedures:

- Draw the below diagrams using hand writing,
- Write your name on each diagram.
- Scan the diagrams and put them in a single PDF using scanner or smartphone.
- Send the file by email to: alaa.ghazi@tiu.edu.iq

Lecture 1

- 1) The diagram of Combinational Logic
- 2) The diagram of Sequential Logic
- 3) Computer Architecture Block Diagram

Lecture 2

- 4) Block Diagram of Intel 8086 Architecture – BIU
- 5) Block Diagram of Intel 8086 Architecture – EU
- 6) Address Formation in 8086
- 7) 80386 Privilege levels

Lecture 3

- 8) Block Diagram of DMA
- 9) Block Diagram of I/O Processor

Lecture 5

- 10) Legacy Motherboard Architecture
- 11) Booting of BIOS and UEFI

Lecture 6

- 12) RAM Types – Diagram