

The Hashemite University - Faculty of Engineering
Guidance plan in the Computer Engineering Department
(2011)

First year

Chapter One Chapter Two

C.H	Course Title	Course #
3	Calculus (2)	110101102
1	Fundamentals of practical general chemistry	110103108
2	Manual engineering	110400201
1	Engineering workshops	110400101
3	programing	110108112
3	general physics (2)	110102102
3	Military sciences	111404117
16	Total	

C.H	Course Title	Course #
3	Calculus (1)	110108101
1	practical general physics1)	11010210311
3	Basics of general	010310711
3	general physics (1)	010210111
3	Arabic Language	140510111
3	English Language	111405110
16	Total	

Second year

Chapter One Chapter Two

C.H	Course Title	Course #
3	Data structure	110408213
1	Digital logic laboratory	110408221
3	Calculus (3)	110101201
1	Electrical circuits laboratory	110409300
3	electronics (1)	110409240
3	Statistics and probability	110403242
3	National Education	111404118
17	Total	

C.H	Course Title	Course #
3	Discrete mathematics	110101152
3	Digital logic	110408220
3	Ordinary differential	110101203
3	Basics of electrical	110406229
3	Numerical Analysis	110402303
1	Computer engineering	110400202
16	Total	

The year The third

Chapter One Chapter Two

C.H	Course Title	Course #
1	Microprocessor laboratory	110408333
3	Embedded systems	110408362
1	Laboratory of integrated digital circuits and embedded	110408326
3	Applied electromagnetism	110409326
3	Computer organization	110408340
3	Communications basics	110408303
1	Electronics laboratory	110409342
3	University Elective	-
18	Total	

C.H	Course Title	Course #
3	Assembly language and	110408332
3	Digital electronics and integrated circuits	110408327
3	Signals and systems	110409322
3	electronics (2)	110409341
3	Automatic Control	110405331
3	University Elective	-
18	Total	

Fourth year

Chapter One Chapter Two

C.H	Course Title	Course #
3	Wireless networks	110408457
1	Computer Networks Laboratory	110408454
3	Computer security	110408456
3	Integrated circuit design is very wid	110408423
3	Ethics and communication skills	110400203
3	University Elective	-
16	Total	

C.H	Course Title	Course #
3	Algorithms	110408300
3	Computer architecture	110408443
3	Introduction to database	111002240
3	operating systems	110408455
3	Computer networks	110408450
1	Computer maintenance	110408442
16	Total	

Summer semester

C.H	Course Title	Course #
0	Practical Training	110408480
0	Total	

Fifth year

Chapter One Chapter Two

C.H	Course Title	Course #
2	graduation project (2)	110408592
3	CPE Elective	-
3	CPE Elective	-
3	University Elective	-
3	Free Course	-
14	Total	

C.H	Course Title	Course #
1	graduation project (1)	110408591
3	CPE Elective	-
3	CPE Elective	-
3	CPE Elective	-
3	University Elective	-
13	Total	