TU جامعة الطائف
TAIF UNIVERSITY

Degree Plan

Degree : Bachelor **Faculty : Computers and Information** **Plan hrs :** 160

Semester : 381 **Dept : Computer Engineering** **Plan Type : Main**

Edition : 38 **Major :** 50300 **Computer Engineering** **Gender : All**

Group : Compulsory (22)

First					
code	Course Name	Hr.	requisite	Year.	Activities Desc
990111-2	Fundamentals of Islamic Culture	2	-	-	Theioritical (2)
202126-3	Fundamentals of Mathematics	3	-	-	Theioritical (2), (1)
501110-2	Introduction to Problem Solving	2	-	-	Theioritical (2)
501112-2	Computer Skills	2	-	-	(4)
990311-2	University Study Skills	2	-	-	Theioritical (2)
999805-2	Intensive English Intensive (1)	2	-	-	Theioritical (12)
Total					13

Second					
105115-2	History of the Kingdom	2	-	-	Theioritical (2)
2011211-3	General Biology	3	-	-	Theioritical (3)
204124-2	General Chemistry	2	-	-	Theioritical (2)
501125-2	Scientific Computing	2	-	-	(4)
503121-1	Computer Aided Drawing	1	-	-	(2)
990211-2	Arabic Language Skills	2	-	-	Theioritical (2)
999806-2	Intensive English Intensive (2)	2	999805-2 - S	-	Theioritical (12)
Total					14

Third					
202261-3	Calculus (1)	3	-	-	Theioritical (3)
203206-4	Physics (1)	4	-	-	Theioritical (3), Practical (1)
501215-3	Discrete Structures	3	-	-	Theioritical (3), (1)
501220-3	Computer Programming (1)	3	-	-	Theioritical (3), Practical (1)
999811-2		2	-	-	Theioritical (3)
Total					15

Forth					
990112-2	Islamic Culture (Morals and Values)	2	990111-2 - S	-	Theioritical (2)
202263-3	Calculus (2)	3	202261-3 - S	-	Theioritical (3)
203207-4	Physics (2)	4	203206-4 - S	-	Theioritical (3), Practical (1)
501222-3	Computer Programming (2)	3	501220-3 - S	-	Theioritical (3), Practical (1)
503221-4	Digital Logic Design	4	501215-3 - S	-	Theioritical (3), Practical (1)
999808-2	English for Specific Purpose (2)	2	-	-	Theioritical (3)
Total					18

Degree Plan

Degree : **Bachelor**	Faculty :**Computers and Information**	Plan hrs : 160
Semester : 381	Dept :**Computer Engineering**	Plan Type : **Main**
Edition : 38	Major :50300 **Computer Engineering**	Gender : **All**

Group : Compulsory (125)

Fifth					
code	**Course Name**	**Hr.**	**requisite**	**Year.**	**Activities Desc**
202262-3	Linear Algebra	3	-	-	Theioritical (3)
202364-3	Probability and Statistics	3	202261-3 - S	-	Theioritical (3)
202365-3	Calculus (3)	3	202263-3 - S	-	Theioritical (3)
202366-3	Differential Equations	3	202263-3 - S	-	Theioritical (3)
501324-3	Data Structures	3	501222-3 - S	-	Theioritical (3), Practical (1)
503323-3	Computer Architecture	3	503221-4 - S	-	Theioritical (3)
	Total				18

Sixth					
990313-2	Islamic Culture (The social system in Islam)	2	990112-2 - S	-	Theioritical (2)
202367-3	Numerical Methods	3	202365-3 - S	-	Theioritical (3)
503310-4	Electric Circuits	4	202262-3 - S 202366-3 - S	-	Theioritical (3), Practical (1)
503325-3	Computer Organization & Design	3	503323-3 - S	-	Theioritical (3)
503371-3	Signals and Systems	3	202263-3 - S	-	Theioritical (3)
	Total				15

Seventh					
990414-2	Islamic Culture (Human Rights)	2	990313-2 - S	-	Theioritical (2)
501453-3	Operating Systems	3	503323-3 - S	-	Theioritical (3)
503311-3	Communication Systems	3	503371-3 - S	-	Theioritical (3), Practical (1)
503413-4	Electronics	4	503310-4 - S	-	Theioritical (3), Practical (1)
503431-3	Microprocessor	3	503323-3 - S	-	Theioritical (3), Practical (1)
503474-3	Digital Signal Processing	3	503371-3 - S	-	Theioritical (3), Practical (1)
	Total				18

Eighth					
202368-3	Operations Research	3	202364-3 - S	-	Theioritical (3)
502372-3	Fundamentals of Database	3	501220-3 - S	-	Theioritical (3), Practical (1)
503432-3	Embedded Systems	3	503431-3 - S	-	Theioritical (3), Practical (1)
503443-4	Computer Networks	4	503311-3 - S 501453-3 - S	-	Theioritical (3), Practical (1)
503575-4	Control Engineering	4	503474-3 - S	-	Theioritical (3), Practical (1)
	Total				17

S : Pre-requisits
M : Co-requisits

TU
جامعة الطائف
TAIF UNIVERSITY

Degree Plan

Degree : Bachelor　　　　　**Faculty : Computers and Information**　　　**Plan hrs :** 160

Semester :　381　　　　　**Dept : Computer Engineering**　　　**Plan Type : Main**

Edition :　38　　　　　**Major :** 50300　**Computer Engineering**　　　**Gender : All**

Group : Compulsory (125)

code	Course Name	Hr.	requisite	Year.	Activities Desc
			Ninth		
500321-2	Professional Ethics	2	990414-2 - S	_	Theioritical (2)
501343-3	Software Engineering	3	501324-3 - S	_	Theioritical (3)
503444-2		2	-	_	Practical (4)
503515-3	VLSI Design	3	503413-4 - S	_	Theioritical (3), Practical (1)
503598-3	Capstone Project (1)	3	202368-3 - S	_	Theioritical (3)
Total					13

code	Course Name	Hr.	requisite	Year.	Activities Desc
			Tenth		
503592-3	Engineering Economics	3	-	_	Theioritical (3)
503599-3	Capstone Project (2)	3	503598-3 - S	_	Theioritical (3)
Total					6

S : Pre-requisits
M : Co-requisits

Degree Plan

Degree : Bachelor	**Faculty :Computers and Information**	**Plan hrs :** 160
Semester : 381	**Dept :Computer Engineering**	**Plan Type :** **Main**
Edition : 38	**Major :**50300 **Computer Engineering**	**Gender : All**

Group : Elective (4)

code	Course Name	Hr.	requisite	Year	Activities Desc
990113-2	Health Education	2	-	-	Theioritical (2)
990312-2	Innovation and Entreprenurship	2	-	-	Theioritical (2)
990412-2	Digital Citizenship	2	-	-	Theioritical (2)
Total					8
990314-2	Frnch Language	2	-	-	Theioritical (3)
990315-2	Chinese Language	2	-	-	Theioritical (3)
999809-2	Presentation Skills	2	-	-	Theioritical (3)
999814-2	IELTS Preparation	2	-	-	Theioritical (3)
999815-2	Academic Writing	2	-	-	Theioritical (3)
999821-2	English and the 21 st century skills	2	-	-	Theioritical (3)
Total					12
503528-3	Digital Systems Design	3	503432-3 - S	-	Theioritical (3)
503546-3	Advanced Computer Networks	3	503443-4 - S	-	Theioritical (3)
503576-3	Digital Image Processing	3	503474-3 - S	-	Theioritical (3)
Total					9
501481-3	Artificial Intelligence	3	501324-3 - S	-	Theioritical (3)
501554-3	Distributed Systems	3	503546-3 - S	-	Theioritical (3)
501574-3	Computer Vision	3	202262-3 - S 501324-3 - S	-	Theioritical (3)
501583-3	Pattern Recognition	3	501324-3 - S 202364-3 - S	-	Theioritical (3)
503519-3	Selected Topics in Computer Engineering	3	503528-3 - S	-	Theioritical (3)
503535-3	Parallel Computing	3	503528-3 - S	-	Theioritical (3)
503537-3	Reconfigurable Computing	3	503528-3 - S	-	Theioritical (3)
503539-3	Fault Tolerant Computing	3	503528-3 - S	-	Theioritical (3)
503547-3	Network Programming	3	503443-4 - S	-	Theioritical (3)
503551-3	Wireless networks	3	503546-3 - S	-	Theioritical (3)
503553-3	Mobile Networks	3	503443-4 - S	-	Theioritical (3)
503555-3	Optical Networks	3	503443-4 - S	-	Theioritical (3)
503557-3	Cryptography and Network Security	3	503443-4 - S	-	Theioritical (3)
503559-3	Selected Topics in Computer Networks	3	503443-4 - S	-	Theioritical (3)
503566-3	Machine Learning	3	501324-3 - S 202262-3 - S 202364-3 - S	-	Theioritical (3)
503577-3	Digital Control Systems	3	503575-4 - S	-	Theioritical (3)
503578-3	Robotics	3	503432-3 - S	-	Theioritical (3), Practical (1)
503579-3	Selected Topics in Signal Processing	3	503474-3 - S	-	Theioritical (3)
Total					54

S : Pre-requisits
M : Co-requisits