

Study Plans

Major : 112101 Smart Technologies

Edition : 1

Total Hours : 70

Level : First			
Course No.	Course Name	prerequisite	prerequisite Name
1400110-3	Principles of Computers and Information Technology		
1400111-2	Computer Mathematics		
1400112-3	Introduction to Algorithms and Programming		
1408115-2	Office Applications		
990111-2	Fundamentals of Islamic Culture		
990211-2	Arabic Language Skills		
999801-2	English for Academic Purposes (1)		

Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name
1400113-2	Office Automation		
1400120-3	Fundamentals of Computer Networks	1400110-3	Principles of Computers and Information Technology
1400122-3	Fundamentals of operating systems	1400110-3	Principles of Computers and Information Technology
1400123-3	Multimedia		
1400124-2	Professional Ethics		
1400125-3	Web Pages Design	1400112-3	Introduction to Algorithms and Programming
999802-2	English for Academic Purposes (1)	999801-2	English for Academic Purposes (1)

Level : Third			
Course No.	Course Name	prerequisite	prerequisite Name
1400211-3	Expert systems		
1400212-3	Visual Basic Programming		
1400230-3	Wireless Networks and Sensors	1400120-3	Fundamentals of Computer Networks
1400231-3	Computer Systems Security	1400122-3	Fundamentals of operating systems
1400232-3	Fundamentals of Cloud Computing	1400120-3	Fundamentals of Computer Networks
1400233-3	Artificial Intelligence	1400112-3	Introduction to Algorithms and Programming
1400234-3	Programming languages for smart devices and applications	1400112-3	Introduction to Algorithms and Programming

Level : Forth			
Course No.	Course Name	prerequisite	prerequisite Name
1400240-3	Intelligent Systems	1400233-3	Artificial Intelligence
1400241-3	Internet of Things and Smart cities	1400230-3	Wireless Networks and Sensors
1400242-3	Fundamentals of Robotics	1400233-3	Artificial Intelligence
1400243-3	Smart Devices Maintenance	1400234-3	Programming languages for smart devices and applications
1400244-3	Satellite and Mobile Communications Systems	1400230-3	Wireless Networks and Sensors
1400245-3	Graduation Project	1400234-3	Programming languages for smart devices and applications

Study Plans

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Level : First				Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1400110-3	Principles of Computers and Information Technology			1400113-2	Office Automation		
1400111-2	Computer Mathematics			1400120-3	Fundamentals of Computer Networks	1400110-3	Principles of Computers and Information Technology
1400112-3	Introduction to Algorithms and Programming			1400122-3	Fundamentals of operating systems	1400110-3	Principles of Computers and Information Technology
1408115-2	Office Applications			1400123-3	Multimedia		
990112-2	Islamic Culture (Morals and Values)			1400124-2	Professional Ethics		
990211-2	Arabic Language Skills			1400125-3	Web Pages Design	1400112-3	Introduction to Algorithms and Programming
999801-2	English for Academic Purposes (١)			999802-2	English for Academic Purposes (٢)	999801-2	English for Academic Purposes (١)
Level : Third				Level : Forth			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1400211-3	Expert systems			1400240-3	Intelligent Systems	1400233-3	Artificial Intelligence
1400212-3	Visual Basic Programming			1400241-3	Internet of Things and Smart cities	1400230-3	Wireless Networks and Sensors
1400230-3	Wireless Networks and Sensors	1400120-3	Fundamentals of Computer Networks	1400242-3	Fundamentals of Robotics	1400233-3	Artificial Intelligence
1400231-3	Computer Systems Security	1400122-3	Fundamentals of operating systems	1400243-3	Smart Devices Maintenance	1400234-3	Programming languages for smart devices and applications
1400232-3	Fundamentals of Cloud Computing	1400120-3	Fundamentals of Computer Networks	1400244-3	Satellite and Mobile Communications Systems	1400230-3	Wireless Networks and Sensors
1400233-3	Artificial Intelligence	1400112-3	Introduction to Algorithms and Programming	1400245-3	Graduation Project	1400234-3	Programming languages for smart devices and applications
1400234-3	Programming languages for smart devices and applications	1400112-3	Introduction to Algorithms and Programming				

Study Plans

Major : 112103 Computer Maintenance

Edition : 40

Total Hours : 59

Level : First			
Course No.	Course Name	prerequisite	prerequisite Name
1408103-3	Introduction to Algorithms and Programming		
14081111-2	Principles of Computers and Information Technology		
14111111-3	Computer Mathematics		
1411116-2	Office Applications		
990112-2	Islamic Culture (Morals and Values)		
990211-2	Arabic Language Skills		
999801-2	English for Academic Purposes (١)		

Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name
14081201-3	Operating Systems Basics		
1408121-3	Electronic Circuits		
1408125-3	Computer Programming	1408103-3	Introduction to Algorithms and Programming
1408126-2	Fundamentals of Databases		
1411103-2	Fundamentals of computer networks	14081111-2	Principles of Computers and Information Technology
999802-2	English for Academic Purposes (٢)	999801-2	English for Academic Purposes (١)

Level : Third			
Course No.	Course Name	prerequisite	prerequisite Name
1408124-3	Electrical and Electronic Measuring Devices	1408121-3	Electronic Circuits
1408210-3	Computer Maintenance (١)	14081111-2	Principles of Computers and Information Technology
1408211-3	Electronics principles	1411103-2	Fundamentals of computer networks
1409231-3	Computer Systems Security		
1411205-2	communication skills	14081111-2	Principles of Computers and Information Technology

Level : Forth			
Course No.	Course Name	prerequisite	prerequisite Name
1408220-3	Computer Maintenance (٢)	1408210-3	Computer Maintenance (١)
14082204-3	Graduation Project		
1408221-3	Hardware Programming	1408103-3	Introduction to Algorithms and Programming
1408222-2	Technical support skills	1408210-3	Computer Maintenance (١)
1408223-3	Special topics in maintenance		

Study Plans

Major : 112103 Computer Maintenance

Edition : 38

Total Hours : 70

Level : First				Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1400110-3	Principles of Computers and Information Technology			1408120-3	Fundamentals of Computer Networks	1400110-3	Principles of Computers and Information Technology
1400111-2	Computer Mathematics			1408121-2	Professional Ethics		
1400112-3	Introduction to Algorithms and Programming			1408122-3	Fundamentals of operating systems	1400110-3	Principles of Computers and Information Technology
1408115-2	Office Applications			1408123-3	Electronics		
990112-2	Islamic Culture (Morals and Values)			1408124-3	Electrical and Electronic Measuring Devices		
990211-2	Arabic Language Skills			1408125-2	Electrical and Electronic Workshops		
999801-2	English for Academic Purposes (١)			999802-2	English for Academic Purposes (٢)	999801-2	English for Academic Purposes (١)

Level : Third				Level : Forth			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1408230-3	Computer Maintenance	1408124-3	Electrical and Electronic Measuring Devices	14082201-3	High-density integrated circuit design		
1408231-3	Computer Systems Security	1408122-3	Fundamentals of operating systems	14082202-3	Communication systems		
1408232-3	Electronic Circuits	1408123-3	Electronics	14082203-3	Microprocessors		
1408233-3	Fundamentals of Databases	1400112-3	Introduction to Algorithms and Programming	1408240-3	Web Pages Design	1400112-3	Introduction to Algorithms and Programming
1408234-3	Peripheral Devices Maintenance	1408125-2	Electrical and Electronic Workshops	1408241-3	Office Automation		
1408235-3	Wireless Networks	1408120-3	Fundamentals of Computer Networks	1408242-3	Smart Devices Maintenance	1408230-3	Computer Maintenance
				1408243-3	Networks Management and Maintenance	1408120-3	Fundamentals of Computer Networks
				1408245-3	Graduation Project	1408230-3	Computer Maintenance

Study Plans

Major : 112104 Network Security and Technology

Edition : 38

Total Hours : 70

Level : First				Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1400110-3	Principles of Computers and Information Technology			1409120-3	Computer Networks Essential Principles	1400110-3	Principles of Computers and Information Technology
1400111-2	Computer Mathematics			1409121-3	Operating Systems Basics	1400110-3	Principles of Computers and Information Technology
1400112-3	Introduction to Algorithms and Programming			1409122-2	Multimedia		
1408115-2	Office Applications			1409123-3	Fundamentals of Databases		
990112-2	Islamic Culture (Morals and Values)			1409124-3	Webpages Design	1400112-3	Introduction to Algorithms and Programming
990211-2	Arabic Language Skills			1409125-2	Professional Ethics		
999801-2	English for Academic Purposes (1)			999802-2	English for Academic Purposes (2)	999801-2	English for Academic Purposes (1)

Level : Third				Level : Forth			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1409230-3	Wireless Networks and Sensors	1409120-3	Computer Networks Essential Principles	14092201-3	Local networks		
1409231-3	Computer Systems Security	1409121-3	Operating Systems Basics	14092202-3	Internet technology		
1409232-3	Foundations of Cloud Computing	1409120-3	Computer Networks Essential Principles	14092203-3	Communication protocols		
1409233-3	Network Servers and Infrastructure	1400112-3	Introduction to Algorithms and Programming	1409240-3	Computer Networks Security	1409231-3	Computer Systems Security
1409234-3	Web Pages Content Management	1409124-3	Webpages Design	1409241-3	Internet of Things and Smart cities	1409230-3	Wireless Networks and Sensors
1409235-3	Network Management and Maintenance	1409120-3	Computer Networks Essential Principles	1409242-3	Computer Networks Applications	1409235-3	Network Management and Maintenance
				1409243-3	Satellite and Optical Fiber Systems		
				1409245-3	Graduation Project	1409233-3	Network Servers and Infrastructure

Study Plans

Major : 112105 Programming Technology

Edition : 38

Total Hours : 65

Level : First				Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1400110-3	Principles of Computers and Information Technology			1408121-2	Professional Ethics		
1411101-3	Computer Mathematics			1408122-3	Fundamentals of operating systems	1400110-3	Principles of Computers and Information Technology
14111111-3	Computer Mathematics			1411102-3	computer programming (١)		
14111116-2	Office Applications			1411103-2	Fundamentals of computer networks		
990112-2	Islamic Culture (Morals and Values)			1411104-2	Databases Design		
990211-2	Arabic Language Skills			1411105-2	Graphic design		
999801-2	English for Academic Purposes (١)			999802-2	English for Academic Purposes (٢)	999801-2	English for Academic Purposes (١)
Level : Third				Level : Forth			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1411201-3	computer programming (٢)			1411207-3	Advanced Web Programming		
1411202-3	software project Management			1411208-3	mobile application development		
1411203-3	Systems analysis and design			1411209-3	Computer Systems Security		
1411204-3	Database Programming			1411210-3	Data Structures		
1411205-2	communication skills			1411211-3	Graduation Project		
1411206-3	Web Programming						