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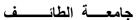
Study Plans

Major: 112101 Smart Technologies

Edition: 1

	Level : First			Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1400110-3	Principles of Computers and			1400113-2	Office Automation		
	Information Technology			1400120-3	Fundamentals of Computer	1400110-3	Principles of Computers and
1400111-2	Computer Mathematics				Networks		Information Technology
1400112-3	Introduction to Algorithms and			1400122-3	Fundamentals of operating	1400110-3	Principles of Computers and
	Programming				systems		Information Technology
1408115-2	Office Applications			1400123-3	Multimedia		
990111-2	Fundamentals of Islamic Culture			1400124-2	Professional Ethics		
990211-2	Arabic Language Skills			1400125-3	Web Pages Design	1400112-3	Introduction to Algorithms
999801-2	English for Academic Purposes						and Programming
				999802-2	English for Academic Purposes	999801-2	English for Academic
					۲		Purposes ())

	Level : Third	l		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	1400230-3	Wireless Networks and
1400230-3	Wireless Networks and Sensors	1400120-3	Fundamentals of Computer		cities		Sensors
			Networks	1400242-3	Fundamentals of Robotics	1400233-3	Artificial Intelligence
1400231-3	Computer Systems Security	1400122-3	Fundamentals of operating	1400243-3	Smart Devices Maintenance	1400234-3	Programming languages for
			systems				smart devices and applications
1400232-3	Fundamentals of Cloud	1400120-3	Fundamentals of Computer	1400244-3	Satellite and Mobile	1400230-3	Wireless Networks and
	Computing		Networks		Communications Systems		Sensors
1400233-3	Artificial Intelligence	1400112-3	Introduction to Algorithms	1400245-3	Graduation Project	1400234-3	Programming languages for
			and Programming				smart devices and applications
1400234-3	Programming languages for	1400112-3	Introduction to Algorithms				
	smart devices and applications		and Programming				





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Major: 112101 Smart Technologies

Edition: 38

	Level : First				Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name	
1400110-3	Principles of Computers and			1400113-2	Office Automation			
	Information Technology			1400120-3	Fundamentals of Computer	1400110-3	Principles of Computers and	
1400111-2	Computer Mathematics				Networks		Information Technology	
1400112-3	Introduction to Algorithms and			1400122-3	Fundamentals of operating	1400110-3	Principles of Computers and	
	Programming				systems		Information Technology	
1408115-2	Office Applications			1400123-3	Multimedia			
990112-2	Islamic Culture (Morals and			1400124-2	Professional Ethics			
	Values)			1400125-3	Web Pages Design	1400112-3	Introduction to Algorithms	
990211-2	Arabic Language Skills						and Programming	
999801-2	English for Academic Purposes			999802-2	English for Academic Purposes	999801-2	English for Academic	
	(\cdot)				۲		Purposes (1)	

	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	1400230-3	Wireless Networks and	
1400230-3	Wireless Networks and Sensors	1400120-3	Fundamentals of Computer		cities		Sensors	
	- -		Networks	1400242-3	Fundamentals of Robotics	1400233-3	Artificial Intelligence	
1400231-3	Computer Systems Security	1400122-3	Fundamentals of operating	1400243-3	Smart Devices Maintenance	1400234-3	Programming languages for	
			systems			-	smart devices and applications	
1400232-3	Fundamentals of Cloud	1400120-3	Fundamentals of Computer	1400244-3	Satellite and Mobile	1400230-3	Wireless Networks and	
	Computing		Networks		Communications Systems		Sensors	
1400233-3	Artificial Intelligence	1400112-3	Introduction to Algorithms	1400245-3	Graduation Project	1400234-3	Programming languages for	
			and Programming				smart devices and applications	
1400234-3	Programming languages for	1400112-3	Introduction to Algorithms					
	smart devices and applications		and Programming					





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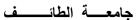
Study Plans

Major: 112103 Computer Maintenance

Edition: 40

	Level : First			Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1408103-3	Introduction to Algorithms and			14081201-3	Operating Systems Basics		
	Programming			1408121-3	Electronic Circuits		
14081111-2	Principles of Computers and			1408125-3	Computer Programming	1408103-3	Introduction to Algorithms
	Information Technology						and Programming
14111111-3	Computer Mathematics			1408126-2	Fundamentals of Databases		
1411116-2	Office Applications			1411103-2	Fundamentals of computer	14081111-2	Principles of Computers and
990112-2	Islamic Culture (Morals and				networks		Information Technology
	Values)			999802-2	English for Academic Purposes	999801-2	English for Academic
990211-2	Arabic Language Skills				7		Purposes ()
999801-2	English for Academic Purposes						
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	Level : Third	1		Level : Forth			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1408124-3	Electrical and Electronic	1408121-3	Electronic Circuits	1408220-3	Computer Maintenance ([*])	1408210-3	Computer Maintenance (1)
	Measuring Devices			14082204-3	Graduation Project		
1408210-3	Computer Maintenance (1)	14081111-2	Principles of Computers and	1408221-3	Hardware Programming	1408103-3	Introduction to Algorithms
			Information Technology				and Programming
1408211-3	Electronics principles	1411103-2	Fundamentals of computer	1408222-2	Technical support skills	1408210-3	Computer Maintenance (1)
			networks	1408223-3	Special topics in maintenance		
1409231-3	Computer Systems Security					I	
1411205-2	communication skills	14081111-2	Principles of Computers and				
	_		Information Technology				





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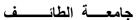
Study Plans

Major: 112103 Computer Maintenance

Edition: 38

	Level : First			Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1400110-3	Principles of Computers and			1408120-3	Fundamentals of Computer	1400110-3	Principles of Computers and
	Information Technology				Networks		Information Technology
1400111-2	Computer Mathematics			1408121-2	Professional Ethics		
1400112-3	Introduction to Algorithms and			1408122-3	Fundamentals of operating	1400110-3	Principles of Computers and
	Programming				systems		Information Technology
1408115-2	Office Applications			1408123-3	Electronics		
990112-2	Islamic Culture (Morals and			1408124-3	Electrical and Electronic		
	Values)				Measuring Devices		
990211-2	Arabic Language Skills			1408125-2	Electrical and Electronic		
999801-2	English for Academic Purposes				Workshops		
	() ·			999802-2	English for Academic Purposes	999801-2	English for Academic
					۲		Purposes (1)

	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	14082201-3	High-density integrated circuit		
			Measuring Devices		design		
1408231-3	Computer Systems Security	1408122-3	Fundamentals of operating	14082202-3	Communication systems		
			systems	14082203-3	Microprocessors		
1408232-3	Electronic Circuits	1408123-3	Electronics	1408240-3	Web Pages Design	1400112-3	Introduction to Algorithms
1408233-3	Fundamentals of Databases	1400112-3	Introduction to Algorithms] 0 0		and Programming
			and Programming	1408241-3	Office Automation		
1408234-3	Peripheral Devices Maintenance	1408125-2	Electrical and Electronic	1408242-3	Smart Devices Maintenance	1408230-3	Computer Maintenance
			Workshops	1408243-3	Networks Management and	1408120-3	Fundamentals of Computer
1408235-3	Wireless Networks	1408120-3	Fundamentals of Computer		Maintenance		Networks
			Networks	1408245-3	Graduation Project	1408230-3	Computer Maintenance





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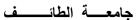
Study Plans

Major : 112104 Network Security and Technology

Edition: 38

	Level : First				Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name	
1400110-3	Principles of Computers and			1409120-3	Computer Networks Essential	1400110-3	Principles of Computers and	
	Information Technology				Principles		Information Technology	
1400111-2	Computer Mathematics			1409121-3	Operating Systems Basics	1400110-3	Principles of Computers and	
1400112-3	Introduction to Algorithms and						Information Technology	
	Programming			1409122-2	Multimedia			
1408115-2	Office Applications			1409123-3	Fundamentals of Databases			
990112-2	Islamic Culture (Morals and			1409124-3	Webpages Design	1400112-3	Introduction to Algorithms	
	Values)						and Programming	
990211-2	Arabic Language Skills			1409125-2	Professional Ethics			
999801-2	English for Academic Purposes			999802-2	English for Academic Purposes	999801-2	English for Academic	
	$\left(\cdot \right)$				۲		Purposes (1)	
	T 1 (T) • 1							

	Level : Third	l		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	14092201-3	Local networks		
			Essential Principles	14092202-3	Internet technology		
1409231-3	Computer Systems Security	1409121-3	Operating Systems Basics	14092203-3	Communication protocols		
1409232-3	Foundations of Cloud	1409120-3	Computer Networks	1409240-3	Computer Networks Security	1409231-3	Computer Systems Security
	Computing		Essential Principles	1409241-3	Internet of Things and Smart	1409230-3	Wireless Networks and
1409233-3	Network Servers and	1400112-3	Introduction to Algorithms		cities		Sensors
	Infrastructure		and Programming	1409242-3	Computer Networks	1409235-3	Network Management and
1409234-3	Web Pages Content	1409124-3	Webpages Design		Applications		Maintenance
	Management			1409243-3	Satellite and Optical Fiber		
1409235-3	Network Management and	1409120-3	Computer Networks		Systems		
	Maintenance		Essential Principles	1409245-3	Graduation Project	1409233-3	Network Servers and
						-	Infrastructure





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Major: 112105 Programming Technology

Edition: 38

	Level : First			Level : Second			
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1400110-3	Principles of Computers and			1408121-2	Professional Ethics		
	Information Technology			1408122-3	Fundamentals of operating	1400110-3	Principles of Computers and
1411101-3	Computer Mathematics				systems		Information Technology
14111111-3	Computer Mathematics			1411102-3	computer programming (1)		
1411116-2	Office Applications			1411103-2	Fundamentals of computer		
990112-2	Islamic Culture (Morals and				networks		
	Values)			1411104-2	Databases Design		
990211-2	Arabic Language Skills			1411105-2	Graphic design		
999801-2	English for Academic Purposes			999802-2	English for Academic Purposes	999801-2	English for Academic
	(1)				۲		Purposes (1)
				1			
	Level: Third				Level : Forth	l	
Course No.	Course Name	prerequisite	prerequisite Name	Course No.	Course Name	prerequisite	prerequisite Name
1411201-3	computer programming (*)			1411207-3	Advanced Web Programming		
1411000 0	0			1411000 0	1 11 11 11 1		

1411201 3	computer programming (*)	1411207 3	Advanced web Hogramming
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		