

	Course Data				Prerequisite	
	Course Name		Course Code	Credit Hours	Course Name	Course Code
First Term	English I	M	GEN 101	2		
	Social issues and anti-corruption	M	GEN 103	2		
	Mathematics	M	BAS 101	3		
	Discrete Mathematics	M	BAS 102	3		
	Statistics and Probabilities	M	BAS 104	3		
	Introduction to Computers	M	COM 101	3		
	Fundamentals of Information Systems	M	COM 102	3		

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Second Term	English II	M	GEN 102	2	English I	GEN 101
	Logic Design	M	COM 104	3	Discrete Mathematics	BAS 102
	Programming	M	COM 103	3	Introduction to Computers	COM 101
	Physics	M	BAS 103	3		
	Professional Ethics	E	GEN 115	2		
	Creative Thinking	E	GEN 113	2		
	Fundamentals of Management	E	BAS 203	3		

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Third Term	Electronics	M	BAS 201	3	Physics	BAS 103
	Algorithms	M	COM 202	3	Programming	COM 103
	Database System	M	COM 203	3	Fundamentals of Information Sys	COM 102
	Computer Networks	M	COM 204	3	Introduction to Computers	COM 101
	Operating Systems	M	COM 205	3	Programming	COM 103
	Advanced Statistics and Probabilities	E	BAS 202	3	Statistics and Probabilities	BAS 104

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Fourth Term	Linear Algebra	E	BAS 204	3	Discrete Mathematics	BAS 102
	System Analysis and Design	M	COM 206	3	Fundamentals of Information Sys	COM 102
	Data Structures	M	COM 207	3	Algorithms	COM 202
	Internet Technology	E	COM 209	3	Computer Networks	COM 204

Fou	Artificial Intelligence	E	COM 212	3	Algorithms	COM 202
	Advanced Programming	E	COM 213	3	Algorithms	COM 202

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Fifth Term	Pattern recognition	M	ROB 301	3	Algorithms	COM 202
	Real-time systems	M	ROB 302	3	Operating Systems	COM 205
	Micro Processors	M	ROB 303	3	Logic Design	COM 201
	Computer Architecture	M	ROB 304	3	Operating Systems	COM 205
	Machine Learning	M	ROB 305	3	Discrete Mathematics	BAS 102
	Virtual reality	E	ROB 312	3	Artificial Intelligence	COM 212

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Sixth Term	Neural Networks	M	ROB 306	3	Algorithms	COM 202
	Parallel Processing	M	ROB 307	3	Real-time systems	ROB 302
	Automatic control	M	ROB 308	3	Operating Systems	COM 205
	Embedded Systems	M	ROB 310	3	Computer Architecture	ROB 304
	Computer vision	E	ROB 411	3	Virtual reality	ROB 312
	Computer networks and information security	E	ROB 313	3	Computer Networks	COM 204

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Seventh Term	Robot design	M	ROB 401	3	Micro Processors	ROB 303
	Robot Arms	M	ROB 402	3	Embedded Systems	ROB 310
	Natural Language Processing	M	ROB 405	3	Neural Networks	ROB 306
	Graduation project 1	G	COM 400	3	System analysis and design	COM 206
	Robotics selected topics	E	ROB 311	3	Level2	
	Problem Solving & Decisionmaking Skills	E	GEN 317	2		

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Eighth Term	Sensors and actuators	M	ROB 403	3	Computer Architecture	ROB 304
	Mobile robots	M	ROB 404	3	Robot design	ROB 401

Eighth

Graduation project 2	G	COM 498	3	Graduation project 1	COM 400
Practical training - 2	G	COM 499		Level 3 - 55% of credit hours	
Speech processing	E	ROB 413	3	Natural Language Processing	ROB 405

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متطلبات جامعة	0
متطلبات علوم اساسية	0
متطلبات كلية	0
متطلبات تخصص	0
مشروع تخرج	0
عدد الساعات الاجمالى	138

