Computer Information Technology (CIT) Department

The Computer Information Technology (CIT) department has studied the overall recent developments in the external communities of work and education, as well as the internal capabilities to achieve higher potential opportunities. Based on the results, the department developed an innovative solution that supports the college graduates' excellence. Thus, the college has shifted from the traditional academic plans into study plans that are tied to a series of international professional academies. The CIT adapted to several well-known professional academies like Microsoft academy, Cisco academy, Adobe certifications and Cambridge IT Skills certificate examination center. So the graduates of the CIT department gain the theoretical as well as the technical knowledge and are qualified to perform the professional exams for each academy. This brochure mainly shows an overview of each academy and the mapping between the CIT programs and the professional academies' courses and examinations. The CIT programs in are designed to provide students with the technical skills required for entry-level employment in the Information Technology (IT) industry. Students will have the opportunity to choose specific programs within CIT. Graduates of these programs will earn an Associate in Applied Science (AAS) degree.

Vision

The CIT department envisions being at the forefront of the national educational institutions in the different fields of computer information technology. The department aims to be involved with research, education, and service for community that foster professional, social, commercial, and global diversity.
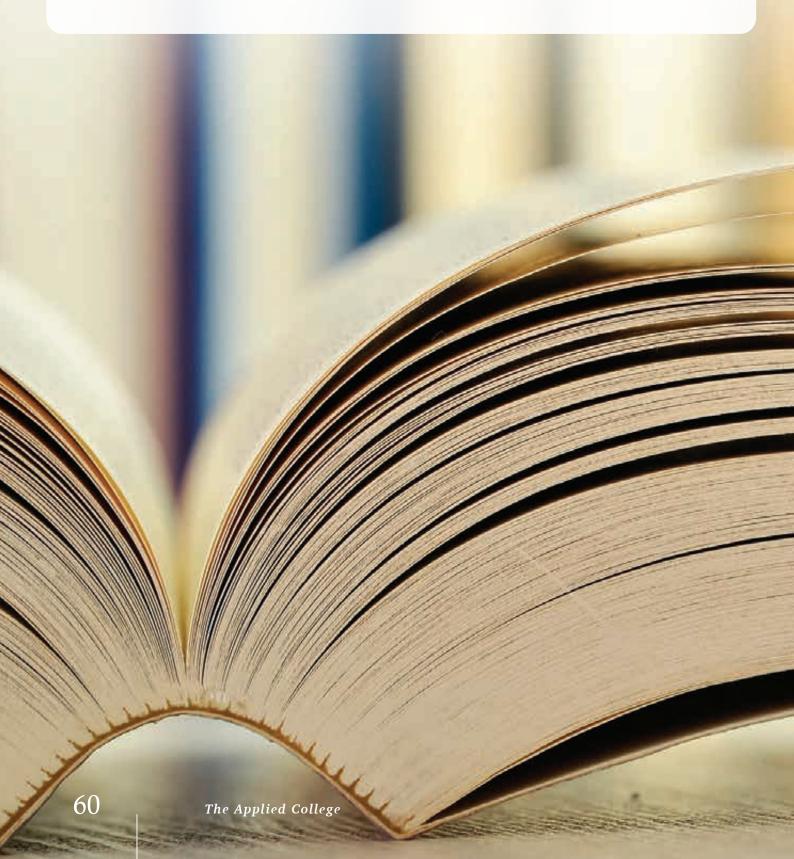
Mission

As a part of the college, this department aims to offer high quality, comprehensive and specialized educational programs which are related to the needs of jobs market, through adopting the latest modern teaching methods and technology.

Department Requirements

The courses are classified into four groups:
1. College Compulsory Courses = 18 credits
2. Department Compulsory Courses = 10 credits
3. Department Branch Compulsory Courses = 30 credits
4. Department Branch Elective Courses = 09 credits
Total = 67 credits

Curriculum for Network Program
(Network Administrator) Six Semester Course ttSchedule

Course No.	Title	Cr	Prerequisite	Th.	Pr.
Semester1					
GRC 100	Preparatory Mathematics 1	2	None	2	0
GRC 111	Intensive English I	3	None	3	5
	Total	5			
Semester2	*Title*				
CIT 100	IT Skills	3	GRC 110	2	2
GRC 101	Preparatory Mathematics 2	2	GRC 100	2	0
GRC 112	Intensive English II	3	GRC 111	3	0
	Total	8			
Semester3	*Title*				
CIT 210	Computer Architecture	3	Pass Orientation year	2	2
CIT 211	Computer Maintenance	3	Pass Orientation year	2	2
GRC 214	English for IT	1	GRC 112	1	0
CIT 230	Operating Systems Fundamentals	3	Pass Orientation year	2	2
CIT 260	Network Essentials	3	Pass Orientation year	2	2
	Total	13			
Semester4	*Title*				
CIT 221	Fundamentals of Programming	3	Pass Orientation year	2	2
GRC 220	Art of Communication Skills	3	Pass Orientation year	3	0
CIT 231	Advanced Operating Systems	3	CIT 211, CIT 230	2	2
CIT 262	Configuring Windows Server	3	CIT 230, CIT 260	2	2
CIT 270	Introduction to Database	3	CIT 230	2	2
	Total	15			
Semester5	*Title*				
BIT 300	Business Entrepreneurship	2	Pass Orientation year	2	0
CIT 360	Administering Windows Server	3	CIT 231, CIT 262	2	2
CIT 361	Configuring Advanced Server	3	CIT 231, CIT 262	2	2
CIT 362	Implementing Active Directory	3	CIT 231, CIT 262	2	2
	Total	11			
Semester6	*Title*				
GRC 330	Work Ethics	2	Pass Orientation year	2	0
CIT 366	Routing Protocols and Concepts	3	CIT 360, CIT 361, CIT 362	2	2
CIT 367	LAN Switching and Wireless	3	CIT 360, CIT 361, CIT 362	2	2
CIT 368	Accessing the WAN	3	CIT 360, CIT 361, CIT 362	2	2
CIT 380	Co-op	2	Department Approval	2	0
CIT 390	Project	2	Department Approval	1	2
	Total	15			
	TOTAL	67			

Curriculum for Network Program
(Network Specialist) Six Semester Course Schedule

Course No.	Title	Cr	Prerequisite	Th.	Pr.
Semester1					
GRC 100	Preparatory Mathematics 1	2	None	2	0
GRC 111	Intensive English I	3	None	3	5
	Total	*5*			
Semester2	*Title*				
CIT 100	IT Skills	3	GRC 110	2	2
GRC 101	Preparatory Mathematics 2	2	GRC 100	2	0
GRC 112	Intensive English II	3	GRC 111	3	0
	Total	*8*			
Semester3	*Title*				
CIT 210	Computer Architecture	3	Pass Orientation year	2	2
CIT 211	Computer Maintenance	3	Pass Orientation year	2	2
GRC 214	English for IT	1	GRC 112	1	0
CIT 230	Operating Systems Fundamentals	3	Pass Orientation year	2	2
CIT 260	Network Essentials	3	Pass Orientation year	2	2
	Total	13			
Semester4	*Title*				
CIT 221	Fundamentals of Programming	3	Pass Orientation year	2	2
GRC 220	Art of Communication Skills	3	Pass Orientation year	3	0
CIT 231	Advanced Operating Systems	3	CIT 211, CIT 230	2	2
CIT 262	Configuring Windows Server	3	CIT 230, CIT 260	2	2
CIT 270	Introduction to Database	3	CIT 230	2	2
	Total	15			
Semester5	*Title*				
BIT 300	Business Entrepreneurship	2	Pass Orientation year	2	0
CIT 360	Administering Windows Server	3	CIT 231, CIT 262	2	2
CIT 361	Configuring Advanced Server	3	CIT 231, CIT 262	2	2
CIT 362	Implementing Active Directory	3	CIT 231, CIT 262	2	2
	Total	11			
Semester6	*Title*				
GRC 330	Work Ethics	2	Pass Orientation year	2	0
CIT 363	Server Infrastructure	3	CIT 360, CIT 361, CIT 362	2	2
CIT 364	Advanced Server Information	3	CIT 360, CIT 361, CIT 362	2	2
CIT 365	Implementing Messaging Server	3	CIT 360, CIT 361, CIT 362	2	2
CIT 380	Co-op	2	Department Approval	2	0
CIT 390	Project	2	Department Approval	1	2
	Total	15			
	TOTAL	*67*			

Curriculum for Graphic Design Program
(Desktop Publishing) Six Semester Course Schedule

Course No.	Title	Cr	Prerequisite	Th.	Pr.
Semester1					
GRC 100	Preparatory Mathematics 1	2	None	2	0
GRC 111	Intensive English I	3	None	3	5
	Total	**5**			
Semester2	*Title*				
CIT 100	IT Skills	3	GRC 110	2	2
GRC 101	Preparatory Mathematics 2	2	GRC 100	2	0
GRC 112	Intensive English II	3	GRC 111	3	0
	Total	**8**			
Semester3	*Title*				
GRC 214	English for IT	1	GRC112	1	0
CIT 235	Operating Systems	3	Pass Orientation year	2	2
GRC 250	Basic Graphic Design	3	Pass Orientation year	2	2
CIT 251	Drawing	3	Pass Orientation year	2	2
CIT 252	Color Principle and Design	3	Pass Orientation year	2	2
	Total	**13**			
Semester4	*Title*				
CIT 221	Fundamentals of Programming	3	Pass Orientation year	2	2
GRC 220	Art of Communication Skills	3	Pass Orientation year	3	0
CIT 253	Typography	3	CIT 250, CIT 251	2	2
CIT 254	Two-Dimensional Design	3	CIT 250, CIT 251	2	2
CIT 255	Digital Illustrator	3	CIT 250, CIT 251	2	2
	Total	**15**			
Semester5	*Title*				
BIT 300	Business Entrepreneurship	2	Pass Orientation year	2	0
CIT 350	Computer Animation	3	CIT 254, CIT 255	2	2
CIT 351	Computer-Photographic Imaging	3	CIT 252, CIT 255	2	2
CIT 352	Art of Web Design	3	CIT 252, CIT 253, CIT 254	2	2
	Total	**11**			
Semester6	*Title*				
GRC 330	Work Ethics	2	Pass Orientation year	2	0
CIT 353	Branding and Identity	3	CIT 351, CIT 352	2	2
CIT 354	Desktop Publishing	3	CIT 350, CIT 351	2	2
CIT 355	Development of Portfolio	3	CIT 350, CIT 351, CIT 352	2	2
CIT 380	Co-op	2	Department Approval	2	0
CIT 390	Project	2	Department Approval	1	2
	Total	15			
	TOTAL	**67**			

Curriculum for Graphic Design Program
(Web Designing) Six Semester Course Schedule

Course No.	Title	Cr	Prerequisite	Th.	Pr.
Semester1					
GRC 100	Preparatory Mathematics 1	2	None	2	0
GRC 111	Intensive English I	3	None	3	0
	Total	**5**			
Semester2	*Title*				
CIT 100	IT Skills	3	GRC 110	2	2
GRC 101	Preparatory Mathematics 2	2	GRC 100	2	0
GRC 112	Intensive English II	3	GRC 111	3	0
	Total	**8**			
Semester3	*Title*				
GRC 214	English for IT	1	GRC112	1	0
CIT 235	Operating Systems	3	Pass Orientation year	2	2
CIT 250	Basic Graphic Design	3	Pass Orientation year	2	2
CIT 251	Drawing	3	Pass Orientation year	2	2
CIT 252	Color Principle and Design	3	Pass Orientation year	2	2
	Total	**13**			
Semester4	*Title*				
CIT 221	Fundamentals of Programming	3	Pass Orientation year	2	2
GRC 220	Art of Communication Skills	3	Pass Orientation year	3	0
CIT 253	Typography	3	CIT 250, CIT 251	2	2
CIT 254	Two-Dimensional Design	3	CIT 250, CIT 251	2	2
CIT 255	Digital Illustrator	3	CIT 250, CIT 251	2	2
	Total	**15**			
Semester5	*Title*				
BIT 300	Business Entrepreneurship	2	Pass Orientation year	2	0
CIT 350	Computer Animation	3	CIT 254, CIT 255	2	2
CIT 351	Computer-Photographic Imaging	3	CIT 252, CIT 255	2	2
CIT 352	Art of Web Design	3	CIT 252, CIT 253, CIT 254	2	2
	Total	**11**			
Semester6	*Title*				
GRC 330	Work Ethics	2	Pass Orientation year	2	0
CIT 356	Web Programming	3	CIT 350, CIT 351, CIT 352	2	2
CIT 357	Advanced Web Design	3	CIT 351, CIT 352	2	2
CIT 358	Animation and ActionScript	3	CIT 350, CIT 351	2	2
CIT 380	Co-op	2	Department Approval	2	0
CIT 390	Project	2	Department Approval	1	2
	Total	15			
	TOTAL	**67**			