Iqra Development Academy, Inc.
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
Effective 2018-2019

FIRST YEAR, FIRST TERM

COURSE CODE		DESCRIPTIVE TITLE	UNITS			PRE-REQUISITE
			LEC	LAB	TOTAL	
GEC	1	Understanding the Self	3		3	
ITE	1	Introduction to Computing	3		3	
GEC	6	Ethics	3		3	
GEC	2	The Contemporary World	3		3	
GEC	5	Art Appreciation	3		3	
IDE	1	Wika at Kultura sa Mapayapang Lipunan (Interdisciplinary Elective	3		3	
ITE	2	Computer Programming 1	2	1	3	
PED	1	Movement Enhancement	2		2	
SDP	1	Student Development Program 1	(1.5)		(1.5)	
NST	1	National Service Training Program 1	(3)		(3)	
		TOTAL	**22**		**23**	

FIRST YEAR, SECOND TERM

COURSE CODE		DESCRIPTIVE TITLE	UNITS			PRE-REQUISITE
			LEC	LAB	TOTAL	
GEC	3	Purposive Communication	3		3	
GEC	7	Readings in Philippine History	3		3	
IDE	2	Ang Anyo ng Kontemporaryong Panitikang Filipino (Interdisciplinary Elective 2)	3		3	
GEC	9	Life and Works of Rizal	3		3	
IDE	3	Sinesosyedad/Pelikulang Panlipunan (Interdisciplinary Elective 3)	3		3	
ITE	3	Computer Programming 2	2	1	3	ITE 2
ITE	4	Fundamentals of Algorithms	3		3	
PED	2	Fitness Exercises	2		2	
SDP	2	Student Development Program 2	(1.5)		(1.5)	
NST	2	National Service Training Program 2	(3)		(3)	
		TOTAL	**22**		**23**	

FIRST YEAR, THIRD TERM

COURSE CODE		DESCRIPTIVE TITLE	UNITS			PRE-REQUISITE
			LEC	LAB	TOTAL	
GEC	4	Mathematics in the Modern World	3		3	
ITE	5	Information Management 1	2	1	3	ITE 3
ITE	6	Introduction to Human Computer Interaction	2	1	3	
ITE	7	Computer Maintenance and Troubleshooting	1	2	3	
ITE	8	Object Oriented Programming 1	2	1	3	ITE 3
GEC	8	Science, Technology & Society	3		3	
AIS	1	Arabic & Islamic Studies 1	3		3	
PED	3	Physical Activities Towards Health and Fitness 1	2		2	
SDP	3	Student Development Program 3	(1.5)		(1.5)	
		TOTAL	**18**		**23**	

SECOND YEAR, FIRST TERM

COURSE CODE		DESCRIPTIVE TITLE	UNITS			PRE-REQUISITE
			LEC	LAB	TOTAL	
ITE	9	Data Structures and Algorithms	2	1	3	
ITE	10	Discrete Structures	3		3	
ITE	11	Networking 1	2	1	3	

ITE	12	Web Systems and Technologies	2	1	3	
ITE	13	Information Management 2	2	1	3	ITE 5
ITE	14	Object Oriented Programming 2	2	1	3	ITE 8
AIS	2	Arabic & Islamic Studies 2	3		3	
PED	4	Physical Activities Towards Health and Fitness 2	2		2	
SDP	4	Student Development Program 4	(1.5)		(1.5)	
		TOTAL	**18**	**5**	**23**	

SECOND YEAR, SECOND TERM

COURSE CODE		DESCRIPTIVE TITLE	UNITS			PRE-REQUISITE
			LEC	LAB	TOTAL	
ITE	15	Information Assurance and Security 1	2	1	3	
ITE	16	Systems Integration and Architecture 1	2	1	3	
ITE	17	Networking 2	2	1	3	ITE 11
ITE	18	Human Computer Interaction 2	3		3	
ITE	19	Application Development and Emerging Technologies	3		3	
ITE	20	Advanced Database Systems	2		1	
ITE	21	Integrative Programming and Technologies 1	3		3	
AIS	3	Arabic & Islamic Studies 3	2		2	
SDP	5	Student Development Program 5	(1.5)		(1.5)	
		TOTAL	**19**	**3**	**21**	

SECOND YEAR, THIRD TERM

COURSE CODE		DESCRIPTIVE TITLE	UNITS			PRE-REQUISITE
			LEC	LAB	TOTAL	
ITE	22	Quantitative Methods (including Modeling and Simulation)	3		3	
ITE	23	Information Assurance and Security 2	2	1	3	
ITE	24	Integrative Programming and Technologies 2	2	1	3	
ITE	25	Systems Administration and Maintenance	2	1	3	
ITE	26	Social and Professional Issues	3		3	
ITE	27	Systems Integration and Architecture 2	3		3	
ITE	28	Platform Technologies	3		3	
GEC	10	The Entrepreneurial Mind	3		3	
SDP	6	Student Development Program 6	(1.5)		(1.5)	
		TOTAL	**21**	**3**	**24**	

THIRD YEAR, FIRST TERM

COURSE CODE		DESCRIPTIVE TITLE	UNITS			PRE-REQUISITE
			LEC	LAB	TOTAL	
ITE	29	Technopreneurship	3		3	
ITE	30	Advanced Web Development 1	2	1	3	
ITE	31	Managing IT Resources	2	1	3	
ITE	32	Intelligent Systems	2	1	3	
ITE	33	Mobile and Wireless Applications	2	1	3	
ITE	35	Capstone Project and Research 1	3		3	
SDP	7	Student Development Program 7	(1.5)		(1.5)	
		TOTAL	**14**	**4**	**18**	

THIRD YEAR, SECOND TERM

COURSE CODE		DESCRIPTIVE TITLE	UNITS			PRE-REQUISITE
			LEC	LAB	TOTAL	
ITE	36	Capstone Project and Research 2	3		3	
ITE	37	Introduction to Cybercrime and Environmental Laws and Protection	2	1	3	
ITE	38	Advanced Web Development 2	3		3	

ITE	39	Business Process Outsourcing 101	3		3	
ELE	2	Peace Education	3		3	
SDP	8	Student Development Program 8	(1.5)		(1.5)	
		TOTAL	**14**	**1**	**15**	

THIRD YEAR, THIRD TERM

COURSE CODE		DESCRIPTIVE TITLE	UNITS			PRE-REQUISITE
			LEC	LAB	TOTAL	
ITE	40	New Venture Creation	3		3	
ITE	41	Business Processing Outsourcing 102	3		3	
ITE	42	Information Technology Practicum	6		6	
		TOTAL	**12**	**0**	**12**	