

HOLY ANGEL UNIVERSITY
COLLEGE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY
BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY
Area of Specialization in Network Administration

Program Code: BSITAreaNetAdmi
SCHOOL YEAR 2014-2015 (Amended May 2017)

COURSE NO.	DESCRIPTION	LEC HRS	LAB HRS	CREDIT UNITS	PREREQUISITE(S)/ CO-REQUISITE(S)
FIRST YEAR, FIRST SEMESTER					
1ENGLISH	Reading and Writing	3	0	3	None
2COLALG	College Algebra	3	0	3	None
3FILKOM	Komunikasyon sa Akademikong Filipino	3	0	3	None
4HISGOV	Philippine History and Government	3	0	3	None
6COMPRO1L	Computer Programming 1	2	3	3	None
6PETHICS	Professional Ethics	3	0	3	None
CLE1	Sowing Seeds of Faith	3	0	3	None
7SELFTEST	PE 1: Self-Testing Activities	2	0	2	None
CWTS1	Civic Welfare Training Services 1	0	3	3	None
TOTAL		22	6	26	

FIRST YEAR, SECOND SEMESTER

1SPEECH	Speech and Oral Communication	3	0	3	1ENGLISH
2PLATRI	Plane Trigonometry	3	0	3	2COLALG
3FILBAS	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	0	3	3FILKOM
4GENPSY	General Psychology	3	0	3	None
6COMPRO2L	Computer Programming 2	2	3	3	6COMPRO1L
6COMTECH	Introduction to Computer Hardware and Software Technology	2	3	3	6COMPRO1L
CLE2	Step to Conversion	3	0	3	CLE1
7RHYTHMIC	PE 2: Fundamentals of Rhythmic Activities	2	0	2	7SELFTEST
CWTS2	Civic Welfare Training Services 2	0	3	3	CWTS1
TOTAL		21	9	26	

SECOND YEAR, FIRST SEMESTER

1LIT1	Literature of the Philippines	3	0	3	None
4GENSOC	General Sociology	3	0	3	None
6DISCRETE	Discrete Structures	3	0	3	2COLALG
6DBASEL	Database Management Systems	2	3	3	6COMPRO2L
6WEB1L	Basic Web Programming	2	3	3	6COMPRO2L
6QUALICON	Quality Consciousness, Habits and Processes	3	0	3	None
6NETFUN	Introduction to Networks	2	4	3	6COMTECH
CLE3	Set to Uphold the Church's Conviction	3	0	3	CLE2
7GAMES	PE 3: Fundamentals of Games and Sports	2	0	2	7RHYTHMIC
TOTAL		23	10	26	

SECOND YEAR, SECOND SEMESTER

2PROSTA	Probability and Statistics	3	0	3	2COLALG
4LOGIC	Logic	3	0	3	None
4PRINECO	Principles of Economics with Taxation and Land Reform	3	0	3	None
6ROUTING	Routing and Switching Essentials	2	4	3	6NETFUN
6OSLAB	Operating Systems Laboratory	0	3	3	6COMTECH
6SERVER1	Server Technologies 1	2	3	3	6COMTECH
CLE4	Send to be Evangelizers	3	0	3	CLE3
7TEAM	PE 4: Team Sports	2	0	2	7GAMES
TOTAL		18	10	23	

THIRD YEAR, FIRST SEMESTER

6TECHCOM	Technical Communications in the Discipline	3	0	3	1ENGLISH
6NET3LAN	Scaling Networks	2	4	3	6ROUTING
6SERVER2	Server Technologies 2	2	3	3	6SERVER1
6CLOUD	Cloud Computing	3	0	3	6NETFUN
ELECTIVE	Free Elective 1			3	
ELECTIVE	Free Elective 2			3	
ITELECTIVE	IT Elective 1			3	
ITELECTIVE	IT Elective 2			3	
TOTAL		10	7	24	

THIRD YEAR, SECOND SEMESTER

1AMECENT	American Accent and Diction	3	0	3	1SPEECH
6INFOSEC	Information Security Management	0	3	3	Coreq: 6NET4WAN
6PROJMAN	Project Management Principles	3	0	3	6DBASEL
6NET4WAN	Connecting Networks	2	4	3	6NET3LAN
6NWTRENDS	Network Technology Trends	3	0	3	6NET3LAN
9CPHYSICS	Physics	3	0	3	2PLATRI
9CPHYSICSL	Physics Laboratory	0	3	1	Coreq: 9CPHYSICS
ITELECTIVE	IT Elective 3			3	
TOTAL		14	10	22	

THIRD YEAR, SUMMER TERM

PRINMAN	Principles of Management	3	0	3	None
6STUDY1	Network Independent Study 1	3	0	3	6TECHCOM, 6NET4WAN
ELECTIVE	Free Elective 3			3	
TOTAL		6	0	9	

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COURSE NO.	DESCRIPTION	LEC HRS	LAB HRS	CREDIT UNITS	PREREQUISITE(S)/ CO-REQUISITE(S)
FOURTH YEAR, FIRST SEMESTER					
4RIZAL	Life and Works of Rizal	3	0	3	None
4ARTAPP	Art Appreciation	3	0	3	None
6NETWSEC	Implementing Network Security	0	4	2	6NET4WAN
6STUDY2	Network Independent Study 2	3	0	3	6STUDY1
9ENVSCN	Environmental Science	3	0	3	None
ELECTIVE	IT Elective 4			3	
ITELECTIVE	Free Elective 4			3	
TOTAL		12	4	20	

FOURTH YEAR, SECOND SEMESTER

6OJT	On-the-Job Training (486 hours)			6	Graduating
TOTAL				6	

COURSE TOTAL 182

IT ELECTIVES

6VOIP	Voice Over IP	0	3	3	6NET4WAN
6INFOCI	Information Security Management with Cloud Infrastructure	0	3	3	6NETWSEC
6INTERFACEL	Hardware and Software Interfacing	2	3	3	6COMPRO1L
6CSEC	Cyber Security	2	3	3	6COMPRO2L
6OOPL	Object-Oriented Programming Language	2	3	3	6DBASEL
6WEBTECH	Web Technologies	3	0	3	None

FREE ELECTIVES

2CALC	Calculus	3	0	3	2PLATRI
YENTREP	Entrepreneurship	3	0	3	PRINMAN
4PHILOMAN	Philosophy of Man	3	0	3	None
XNONACC	Accounting for Non-Accountants	3	0	3	None
PERDEV	Personality Development	3	0	3	None