

**HOLY ANGEL UNIVERSITY**  
**REGISTRAR'S OFFICE**  
**COLLEGE OF INFORMATION AND COMMUNICATIONS TECHNOLOGY**  
**BACHELOR OF SCIENCE IN INFORMATION TECHNOLOGY**  
**EFFECTIVE S.Y. 2005-2006**

<b>FIRST YEAR, FIRST SEMESTER</b>		<b>LEC</b>	<b>LAB</b>	<b>CREDIT</b>
<b>COURSE NO</b>	<b>DESCRIPTION</b>	<b>HRS</b>	<b>HRS</b>	<b>UNITS</b>
1ENGLISH	Reading and Writing	3	0	3
1LIT 1	Literature of the Philippines	3	0	3
2COLALG	College Algebra	3	0	3
4HISGOV	Philippine History and Government	3	0	3
5THEO1	Doing Catholic Theology for Today's Filipino	-3	0	-3
6INTCOM	Introduction to Computer Science	2	0	2
6INTCOML	Introduction to Computer Science Lab	0	1	1
6BASICF	Basic Computer Programming	2	0	2
6BASICPL	Basic Computer Programming Lab	0	1	1
7SELECT	Self-Testing Activities	2	0	2
NSTP	National Service Training Program	0	0	-3
	<b>TOTAL</b>	<b>18</b>	<b>2</b>	<b>20</b>

<b>FIRST YEAR, SECOND SEMESTER</b>		<b>LEC</b>	<b>LAB</b>	<b>CREDIT</b>
1SPEECH	Speech and Oral Communication	3	0	3
2PLATRI	Plane Trigonometry	3	0	3
4GENPSY	General Psychology	3	0	3
5THEO2	Christian Moral Living of Today's Filipino	-3	0	-3
4LOGIC	Logic	3	0	3
6DATAS	Data Structures	2	0	2
6DATASL	Data Structures Laboratory	0	1	1
6COMPRG1	Structured Computer Programming I	2	0	2
6COMPRG1L	Structured Computer Programming I Lab	0	1	1
6HARDWARE	Introduction to Computer Hardware / Software Technology	0	3	3
7RHYACT	Fundamentals of Rhythmic Activities	2	0	2
NSTP	National Service Training Program	0	0	-3
	<b>TOTAL</b>	<b>18</b>	<b>5</b>	<b>23</b>

<b>SECOND YEAR, FIRST SEMESTER</b>		<b>LEC</b>	<b>LAB</b>	<b>CREDIT</b>
2ANAGEC	Analytic Geometry	3	0	3
2PROSTA	Probability and Statistics	3	0	3
6DMATH	Discrete Math	3	0	3
5THEO3	A Catholic View of Sexuality, Marriage and Family Life	-3	0	-3
6SAD	Systems Analysis and Design	3	0	3
6FILEPDBS	File Processing and Data Base System	2	0	1
6FILEPDBSL	File Processing and Data Base System Lab	0	1	1
6PETHICS	Professional Ethics	3	0	3
7FUNGAM	Fundamentals of Games and Sports	2	0	2
9ENVSCN	Environmental Science	3	0	3
	<b>TOTAL</b>	<b>22</b>	<b>1</b>	<b>23</b>

<b>SECOND YEAR, SECOND SEMESTER</b>		<b>LEC</b>	<b>LAB</b>	<b>CREDIT</b>
2DINCAL	Differential and Integral Calculus	3	0	3
6WEBPROG1	WEB Programming 1	0	3	3
6COMPRG2	Structured Computer Programming II	2	0	2
6COMPRG2L	Structured Computer Programming II Lab	0	1	1
6OBORPRG	Object-Oriented Programming	2	0	2
6OBORPRGL	Object-Oriented Programming Lab	0	1	1
6TECWRI-IT	Technical Writing and Presentation Skills in Information Technology	3	0	3
4PRINECO	Principles of Economics	3	0	3
7REACT	Recreational Activities	2	0	2
9PHYSICS	Physics	3	0	3
9PHYSICSL	Physics Laboratory	0	1	1
	<b>TOTAL</b>	<b>18</b>	<b>6</b>	<b>24</b>

\* Note: 1 unit laboratory = 3 hours laboratory hands-on except for 6HARDWARE, 6WEBPROG1, 6MULTIMEDIA, 6NE

**THIRD YEAR, FIRST SEMESTER**

<b>COURSE NO</b>	<b>DESCRIPTION</b>	<b>LEC HRS</b>	<b>LAB HRS</b>	<b>CREDIT UNITS</b>
3FILKOM	Komunikasyon sa Akademikong Filipino	3	0	3
6QUALICON	Quality Consciousness, Habits and Processes	3	0	3
6METRES	Methods of Research	3	0	3
6PROGLANG	Programming Paradigms	3	0	3
6NETWORK1	Basic Network Concepts	0	4	4
6MULTIMEDIA	MultiMedia Programming	0	3	3
FREE ELEC 1		3	0	3
COMP ELEC 1		2	1	3
	<b>TOTAL</b>	<b>17</b>	<b>8</b>	<b>25</b>

**THIRD YEAR, SECOND SEMESTER**

<b>COURSE NO</b>	<b>DESCRIPTION</b>	<b>LEC HRS</b>	<b>LAB HRS</b>	<b>CREDIT UNITS</b>
3FILBAS	Pagbasa at Pagsulat tungo sa Pananaliksik	3	0	3
4GENSOC	General Sociology	3	0	3
6WEBPROG2	Web Programming 2	0	3	3
6OSYS	Operating Systems	3	0	3
6RDBMS	Relational Database Management System	2	0	2
6RDBMSL	Relational Database Management System Lab	0	1	1
6IS1	Independent Study 1	3	0	3
6NETWORK2	Basic Router Configuration	0	4	4
FREE ELEC 2		3	0	3
	<b>TOTAL</b>	<b>17</b>	<b>8</b>	<b>25</b>

**THIRD YEAR, SUMMER TERM**

<b>COURSE NO</b>	<b>DESCRIPTION</b>	<b>LEC HRS</b>	<b>LAB HRS</b>	<b>CREDIT UNITS</b>
6NETWORK3	Advance Router Configuration with Trouble Shooting	0	4	4
COMP ELEC 2		2	1	3
COMP ELEC 3		3	0	3
	<b>TOTAL</b>	<b>5</b>	<b>5</b>	<b>10</b>

**FOURTH YEAR, FIRST SEMESTER**

<b>COURSE NO</b>	<b>DESCRIPTION</b>	<b>LEC HRS</b>	<b>LAB HRS</b>	<b>CREDIT UNITS</b>
6IS2	Independent Study 2	3	0	3
5ARTAPP	Art Appreciation	3	0	3
ACCTNG	Accounting, Principles, Finances & Processes	3	0	3
4RIZAL	Life and Works of Rizal	3	0	3
6NETWORK4	Wide Area Network	0	4	4
COMP ELEC 4		2	1	3
FREE ELEC 3		3	0	3
	<b>TOTAL</b>	<b>17</b>	<b>5</b>	<b>22</b>

**FOURTH YEAR, SECOND SEMESTER**

<b>COURSE NO</b>	<b>DESCRIPTION</b>	<b>LEC HRS</b>	<b>LAB HRS</b>	<b>CREDIT UNITS</b>
6PRACTICUM	Practicum	3	0	3
	<b>TOTAL</b>	<b>3</b>	<b>0</b>	<b>3</b>

**COMPUTER SUBJECT ELECTIVES**

<b>COURSE NO</b>	<b>DESCRIPTION</b>	<b>LEC HRS</b>	<b>LAB HRS</b>	<b>CREDIT UNITS</b>
6STOPICS	Special Topics	3	0	3
6OPSAPP	OS Applications	2	0	2
6OPSAPPL	OS Applications Lab	0	1	1
6AI	Artificial Intelligence	2	0	2
6AIL	Artificial Intelligence Lab	0	1	1
6ICOAM	Introduction to Computer Org., Architecture and Machine Level Programming	2	0	2
6ICOAML	Introduction to Computer Org., Architecture and Machine Level Programming Lab	0	1	1
6SOFENG	Software Engineering	3	0	3
6INTERFACE	Hardware and Software Interfacing	2	0	2
6INTERFACEL	Hardware and Software Interfacing Lab	0	1	1
6LOGDCC	Logic Design and Digital Computer Circuits	3	0	3

**FREE ELECTIVES**

<b>LEC</b>	<b>LAB</b>	<b>CREDIT</b>
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1HUMCOM	Human Communication	3	0	3
5PHILOMAN	Philosophy of Man	3	0	3
4BUPSY	Business Psychology with Introduction to Marketing Psychology	3	0	3
4HUMRES	Human Resources Management	3	0	3
4ORGDEV	Organizational Development	3	0	3
4PRINMAN	Principles of Management	3	0	3
4PANGAN	Kapampangan Culture	3	0	3
ENTREP	Entrepreneurship	3	0	3
PERDEV	Personality Development	3	0	3

\* Note: 1 unit laboratory = 3 hours laboratory hands-on except for 6HARDWARE, 6WEBPROG1, 6MULTIMEDIA, 6WE  
6NETWORK2, 6NETWORK3 & 6NETWORK4 (1 unit laboratory = 1 hour laboratory)

Revised date                      23-Jun-06























**PREREQUISITE**

NONE  
NONE  
NONE  
NONE  
NONE  
NONE  
NONE  
NONE  
NONE  
NONE  
NONE

**PREREQUISITE**

1ENGLISH  
2COLALG  
NONE  
5THEO1  
NONE  
6INTCOM/L, 6BASICP/L  
6INTCOM/L, 6BASICP/L  
6BASICP/L  
6BASICP/L  
  
6INTCOM/L  
7SELECT  
NONE

**PREREQUISITE**

2PLATRI  
2COLALG  
2COLALG, 2PLATRI  
5THEO2  
  
6INTCOM/L  
6DATAS/L  
6DATAS/L  
6INTCOM/L  
7SELECT  
NONE

**PREREQUISITE**

2ANAGEC  
6COMPRG1/L, 6FILEPDBS/L  
6COMPRG1/L  
6COMPRG1/L  
6FILEPDBS/L  
6FILEPDBS/L  
  
1ENGLISH  
NONE  
7SELECT  
NONE  
NONE

TWORK1,

**PREREQUISITE**

NONE  
6PETHICS  
6TECWRI-IT  
6COMPRG2/L  
6HARDWARE  
6WEBPROG1  
NONE  
NONE

**PREREQUISITE**

3FILKOM  
NONE  
6COMPRG2/L, 6WEBPROG1  
6DATAS/L, 6PROGLANC  
6FILEPDBS/L  
6FILEPDBS/L  
GRADUATING  
6NETWORK1  
NONE

**PREREQUISITE**

6NETWORK2  
NONE  
NONE

**PREREQUISITE**

GRADUATING  
NONE  
GRADUATING  
NONE  
6NETWORK3  
NONE  
NONE

**PREREQUISITE**

**PREREQUISITE**

NONE  
NONE  
NONE  
6DMATH, 6DATAS/L  
6DMATH, 6DATAS/L

6COMPRG1/L

6COMPRG1/L  
6SAD  
6LOGDC C/6ICOAM/L  
6LOGDCC/6ICOAM/L  
6DMATH

**PREREQUISITE**

1ENGLISH  
NONE

4GENPSY  
4GENPSY  
4HUMRES/4BUPSY  
NONE  
NONE  
NONE  
NONE

BPROG2, 6NETWORK1,























