

HOLY ANGEL UNIVERSITY
Angels City
REGISTRAR'S OFFICE
COLLEGE OF ENGINEERING AND ARCHITECTURE
BACHELOR OF SCIENCE IN COMPUTER ENGINEERING
EFFECTIVE S.Y. 2002-2003

FIRST YEAR, FIRST SEMESTER		LEC	LAB	CREDIT	PREREQUISITE
COURSE NO.	DESCRIPTION	HRS	HRS	UNITS	
_____	MATHALG COLLEGE ALGEBRA	5	0	5	NONE
_____	TRIGO PLANE & SPHERICAL TRIGONOMETRY	3	0	3	NONE
_____	GCHEM1 GENERAL CHEMISTRY 1 LECTURE	3	0	3	NONE
_____	GCHEM1L GENERAL CHEMISTRY 1 LABORATORY		3	1	NONE
_____	1ENGLISH READING & WRITING	3	0	3	NONE
_____	ESDRAW ENGINEERING DRAWING	0	3	1	NONE
_____	4PHIGOV PHIL. GOVERNMENT & THE NEW CONSTITUTION	3	0	3	NONE
_____	5GODCAL RESPONDING TO GOD'S CALL IN FAITH	3	0	3	NONE
_____	7SELECT SELF- TESTING ACTIVITIES	2	0	2	NONE
_____	NSTP1 NATIONAL SERVICE TRAINING PROGRAM 1	0	9	3	NONE
		22	15	27	
FIRST YEAR, SECOND SEMESTER					
_____	GEOSOL ANALYTIC GEOMETRY & SOLID MENSURATION	4	0	4	MATHALG, TRIGO
_____	1SPEECH SPEECH & ORAL COMMUNICATION	3	0	3	NONE
_____	ENVIRON ENVIRONMENTAL SCIENCE	3	0	3	GCHEM1
_____	GCHEM2 GENERAL CHEMISTRY 2 LECTURE	2	0	2	GCHEM1
_____	GCHEM2L GENERAL CHEMISTRY 2 LABORATORY	0	3	1	GCHEM1
_____	5LOGIC LOGIC	3	0	3	NONE
_____	FUNCOM COMPUTER FUNDAMENTALS & PROGRAMMING LEC	2	0	2	MATHALG
_____	FUNCOML COMPUTER FUNDAMENTALS & PROGRAMMING LAB	0	3	1	MATHALG
_____	5MORAL MORAL LIFE	3	0	3	5GODCAL
_____	7RHYACT FUNDAMENTALS OF RHYTHMIC ACTIVITIES	2	0	2	7SELECT
_____	NSTP2 NATIONAL SERVICE TRAINING PROGRAM 2	0	9	3	NSTP1
		22	15	27	
SECOND YEAR, FIRST SEMESTER					
_____	DIFFCAL DIFFERENTIAL CALCULUS	4	0	4	GEOSOL
_____	PHYSICS1 PHYSICS 1 LECTURE	4	0	4	MATHALG, TRIGO
_____	PHYSICS1L PHYSICS 1 LABORATORY	0	3	1	MATHALG, TRIGO
_____	4PRINECO PRINCIPLES OF ECONOMICS & W/ TAXATION & LAND REFORM	3	0	3	NONE
_____	INFOTECH1 INFORMATION TECHNOLOGY 1	0	4	1	2ND YEAR STANDING
_____	ARTAPP ART APPRECIATION	3	0	3	NONE
_____	3FILSIN SINING NG PAKIKIPAGTALASTASAN	3	0	3	NONE
_____	5PRAYER WORSHIP PRAYER & SACRAMENTS	3	0	3	5MORAL
_____	BASCAD BASIC COMPUTER-AIDED DRAFTING	0	3	1	ESDRAW
_____	7FUNGAM FUNDAMENTALS OF GAMES & SPORTS	2	0	2	7SELECT
		22	10	25	
SECOND YEAR, SECOND SEMESTER					
_____	INTECAL INTEGRAL CALCULUS	4	0	4	DIFFCAL
_____	PHYSICS2 PHYSICS 2 LECTURE	4	0	4	PHYSICS1/L
_____	PHYSICS2L PHYSICS 2 LABORATORY		3	1	PHYSICS1L
_____	INFOTECH2 INFORMATION TECHNOLOGY 2	0	4	1	INFOTECH1
_____	APCAD ADVANCED COMPUTER-AIDED DRAFTING & APPLICATIONS	0	3	1	BASCAD
_____	4RIZAL LIFE & WORKS OF RIZAL	3	0	3	NONE
_____	3FILBAS PAGBASA AT PAGSULAT SA IBAT-IBANG DISIPLINA	3	0	3	3FILSIN
_____	4GENPSY GENERAL PSYCHOLOGY	3	0	3	NONE
_____	1TECWRI TECHNICAL REPORT WRITING	3	0	3	1ENGLISH
_____	7REACT RECREATIONAL ACTIVITIES	2	0	2	7FUNGAM
		22	10	25	
THIRD YEAR, FIRST SEMESTER					
_____	ELECMAG ELECTROMAGNETICS	3	0	3	PHYSICS2
_____	CKTS1 CIRCUITS 1 LECTURE	3	0	3	PHYSICS2,COREQ:CKTS1L
_____	CKTS1L CIRCUITS 1 LABORATORY	0	3	1	PHYSICS2L,COREQ:CKTS1
_____	ESMATLS ENGINEERING MATERIALS	3	0	3	GCHEM2
_____	ESEMECH ENGINEERING MECHANICS	5	0	5	INTECAL, PHYSCIS1
_____	DIFEQNS DIFFERENTIAL EQUATIONS	3	0	3	INTECAL
_____	ELECS1 ELECTRONICS I LECTURE	3	0	3	COREQ: CKTS1L,CKTS1
_____	ELECS1L ELECTRONICS I LABORATORY	0	3	1	COREQ: CKTS1L,CKTS1
_____	INFOTECH3 INFORMATION TECHNOLOGY 3	0	4	1	INFOTECH2
		20	10	23	

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THIRD YEAR, SECOND SEMESTER

COURSE NO.	DESCRIPTION	LEC HRS	LAB HRS	CREDIT UNITS	PREREQUISITE
_____ CKTS2	CIRCUITS 2 LECTURE	3	0	3	CKTS1,COREQ:CKTS2L
_____ CKTS2L	CIRCUITS 2 LABORATORY	0	3	1	CKTS1L, COREQ:CKTS2
_____ ELECS2	ELECTRONICS 2 LECTURE	3	0	3	ELECS1,COREQ:ELECS2L
_____ ELECS2L	ELECTRONICS 2 LABORATORY	0	3	1	ELECS1L,COREQ:ELECS2
_____ CoEMATNU	CoE MATH W/ NUMERICAL METHODS	4	0	4	DIFEQNS
_____ ESSTREM	STRENGTH OF MATERIALS	3	0	3	ESEMECH
_____ ESTHERM	THERMODYNAMICS	3	0	3	PHYSICS2, INTECAL
_____ 4HIST	PHILIPPINE HISTORY & CULTURE	3	0	3	NONE
_____ INFOTECH4	INFORMATION TECHNOLOGY 4	0	4	1	INFOTECH3
_____ COMPTec	COMPUTER TECHNICIAN PRACTICE	0	3	1	INFOTECH3,COREQ:ELECS1L
		19	13	23	

FOURTH YEAR, FIRST SEMESTER

_____ CONSYS	CONTROL SYSTEMS	3	0	3	CKTS2
_____ LOGCAST	LOGIC CIRCUITS & SWITCHING THEORY	3	0	3	ELECS2,COREQ:LOGCAL
_____ LOGCAL	LOGIC CIRCUITS & SWITCHING THEORY LAB.	0	3	1	ELECS2L,COREQ:LOGCAST
_____ ENERCON	ENERGY CONVERSION	3	0	3	CKTS2,CKTS2L
_____ ENERCOL	ENERGY CONVERSION LAB		3	1	CKTS2,CKTS2L
_____ COMSYOAL	COMPUTER SYSTEMS ORGANIZATION WITH ASSEMBLY LANGUAGE LECTURE	3	0	3	FUNCOM COREQ:LOGCAST,COMSYOLL
_____ COMSYOLL	COMPUTER SYSTEMS ORGANIZATION WITH ASSEMBLY LANGUAGE LABORATORY	0	3	1	FUNCOML COREQ:LOGCAST,COMSYOAL
_____ ESENMGT	ENGINEERING MANAGEMENT	3	0	3	4TH YEAR STANDING
		15	9	18	

FOURTH YEAR, SECOND SEMESTER

_____ DATASTRAN	DATA STRUCTURE & ALGORITHMS ANALYSIS	3	0	3	FUNCOM,COREQ:DATASTRANL
_____ DATASTRANL	DATA STRUCTURE & ALGORITHMS ANALYSIS LAB.	0	3	1	FUNCOML,COREQ:DATASTRAN
_____ PROSTAT	PROBABILITY & STATISTICS	3	0	3	INTECAL
_____ PRINCOM	PRINCIPLES OF COMMUNICATIONS	3	0	3	ELECS2, ELECS2L
_____ PRINCOML	PRINCIPLES OF COMMUNICATIONS		3	1	ELECS2, COREQ: PRINCOM
_____ ELECT1	ELECTIVE 1	3	0	3	4TH YEAR STANDING
_____ COMPSAR	COMPUTER SYSTEMS ARCHITECTURE	3	0	3	COMPSYOAL
_____ ESENECO	ENGINEERING ECONOMY	3	0	3	4TH YEAR STANDING
		18	6	20	

FIFTH YEAR, FIRST SEMESTER

_____ DATACOM	DATA COMMUNICATIONS	3	0	3	PRINCOM, PRINCOML
_____ MICROS	MICROPROCESSOR SYSTEMS LEC.	3	0	3	COMPSAR,COREQ:MICORSL
_____ MICROSL	MICROPROCESSOR SYSTEMS LAB.	0	3	1	COMPSAR,COREQ:MICROS
_____ STPLAN	STRUCTURE OF PROGRAMMING LANGUAGES	3	0	3	DATASTRAN, DATASTRANL
_____ ADLOCIR	ADVANCED LOGIC CIRCUITS DESIGN LEC.	3	0	3	LOGCAST/LOGCAL COREQ: ADLOCIRD
_____ ADLOCIRD	ADVANCED LOGIC CIRCUITS DESIGN LAB.	0	3	1	LOGCAST/LOGCAL, COREQ: ADLOCIR
_____ ARTINT	ARTIFICIAL INTELLIGENCE	3	0	3	DATASTRAN, DATASTRANL
_____ DEPROJ1	DESIGN PROJECT1	1	0	1	COREQ: MICROS, MICROSL
_____ DEPROJ1D	DESIGN PROJECT1 DESIGN	0	3	1	COREQ: DEPROJ1
_____ ELECT2	ELECTIVE 2	3	0	3	
		19	9	22	

FIFTH YEAR, SECOND SEMESTER

_____ OPSYS	OPERATING SYSTEMS LEC	3	0	3	STPLAN,COREQ:OPSYSL
_____ OPSYSL	OPERATING SYSTEMS LAB.	0	3	1	STPLAN,COREQ:OPSYS
_____ COMNET	COMPUTER NETWORKS	3	0	3	DATACOM
_____ CoESAFETY	SAFETY ENGINEERING	2	0	2	5TH YEAR STANDING
_____ CoESFT	CoE SEMINARS & FIELD TRIPS	0	3	1	5TH YEAR STANDING
_____ IOMEMS	I/O & MEMORY SYSTEMS	3	0	3	ADLOCIR, MICROS, MICROSL
_____ DEPROJ2	DESIGN PROJECT2	1	0	1	DEPROJ1
_____ DEPROJ2D	DESIGN PROJECT2 DESIGN	0	3	1	DEPROJ1, DEPROJ1D, COREQ: DEPROJ2
_____ ELECT3	ELECTIVE 3	3	0	3	
		15	9	18	

ELECTIVES

_____ CONTROL	Industrial Pneumatic and Programmable Logic Controller Lec.	2	0	2	CONSYS
_____ CONTROLL	Industrial Pneumatic and Programmable Logic Controller Lab.	0	3	1	CONSYS COREQ: CONTROL
_____ SOFTEN	SOFTWARE ENGINEERING	3	0	3	4TH YEAR STANDING
_____ SOFTENL	SOFTWARE ENGINEERING Laboratory	0	3	1	4TH YEAR STANDING
_____ ADMECH	Mechatronics with Robotics Technology Lec.	2	0	2	CONTROL, CONTROLL
_____ ADMECHL	Mechatronics with Robotics Technology Lab.	0	3	1	CONTROL, CONTROLL, COREQ: ADMECH
_____ DIGICONS	DIGITAL CONTROL SYSTEMS	3	0	3	CoEMATNU/CONSYS
_____ COMPSIM	COMPUTER SIMULATION	3	0	3	CoEMATNU/FUNCOM
_____ ECOIT	Economics of Information	3	0	3	ESENECO

Name: _____

Student No.: _____

