

HOLY ANGEL UNIVERSITY
Angeles City
REGISTRAR'S OFFICE
COLLEGE OF ENGINEERING AND ARCHITECTURE
BACHELOR OF SCIENCE IN COMPUTER ENGINEERING
EFFECTIVE S.Y. 2005-2006

FIRST YEAR, FIRST SEMESTER		LEC	LAB	CREDIT	PREREQUISITE
COURSE NO.	DESCRIPTION	HRS	HRS	UNITS	
_____	MATHALG	5	0	5	NONE
_____	TRIGO	3	0	3	NONE
_____	GCHEM1	3	0	3	NONE
_____	GCHEM1L	0	3	1	NONE
_____	1ENGLISH	3	0	3	NONE
_____	ESDRAW	0	3	1	NONE
_____	4PHILHIS				
	Constitution	3	0	3	NONE
_____	5THEO1	3	0	3	NONE
_____	7SELECT	2	0	2	NONE
_____	NSTP1	0	9	3	NONE
	TOTAL	22	15	27	
FIRST YEAR, SECOND SEMESTER		LEC	LAB	CREDIT	PREREQUISITE
COURSE NO.	DESCRIPTION	HRS	HRS	UNITS	
_____	GEOSOL	4	0	4	MATHALG, TRIGO
_____	1SPEECH	3	0	3	1ENGLISH
_____	ENVIRON	3	0	3	GCHEM1
_____	GCHEM2	2	0	2	GCHEM1, GCHEM1L
_____	GCHEM2L	0	3	1	COREQ: GCHEM2
_____	5LOGIC	3	0	3	NONE
_____	FUNCOM	2	0	2	MATHALG
_____	FUNCOML	0	3	1	COREQ: FUNCOM
_____	5THEO2	3	0	3	5THEO1
_____	ARCDRAW	0	3	1	ESDRAW
_____	7RHYACT	2	0	2	7SELECT
_____	NSTP2	0	9	3	NSTP1
	TOTAL	22	18	28	
SECOND YEAR, FIRST SEMESTER		LEC	LAB	CREDIT	PREREQUISITE
COURSE NO.	DESCRIPTION	HRS	HRS	UNITS	
_____	DIFFCAL	4	0	4	GEOSOL
_____	PHYSICS1	4	0	4	MATHALG, TRIGO
_____	PHYSICS1L	0	3	1	COREQ: PHYSICS1
_____	4GENPSY	3	0	3	NONE
_____	3FILKOM	3	0	3	NONE
_____	1INTLIT	3	0	3	NONE
_____	5THEO3	3	0	3	5THEO2
_____	BASCAD	0	3	1	ESDRAW
_____	7FUNGAM	2	0	2	7RHYACT
	TOTAL	22	6	24	
SECOND YEAR, SECOND SEMESTER		LEC	LAB	CREDIT	PREREQUISITE
COURSE NO.	DESCRIPTION	HRS	HRS	UNITS	
_____	INTECAL	4	0	4	DIFFCAL
_____	PHYSICS2	4	0	4	PHYSICS1, PHYSICS1L
_____	PHYSICS2L		3	1	COREQ: PHYSICS2
_____	APCAD				BASCAD
	Applications	0	3	1	
_____	4RIZAL	3	0	3	NONE
_____	3FILBAS				3FILKOM
_____	4PHIGOV				
	Constitution	3	0	3	4PHILHIS
_____	1BUSTECH	3	0	3	1ENGLISH
_____	7REACT	2	0	2	7FUNGAM
	TOTAL	22	6	24	
THIRD YEAR, FIRST SEMESTER		LEC	LAB	CREDIT	PREREQUISITE
COURSE NO.	DESCRIPTION	HRS	HRS	UNITS	
_____	ELECMAG	3	0	3	PHYSICS2, PHYSICS2L
_____	CKTS1	3	0	3	PHYSICS2, PHYSICS2L
_____	CKTS1L	0	3	1	PHYSICS2L, COREQ: CKTS1
_____	ESMATLS	3	0	3	GCHEM2, GCHEM2L
_____	EMECH	3	0	3	INTECAL, PHYSICS1, PHYSICS1L
_____	DIFEQNS	3	0	3	INTECAL
_____	ELECS1	3	0	3	COREQ: CKTS1L, CKTS1
_____	ELECS1L	0	3	1	COREQ: CKTS1L, CKTS1
_____	PRINECO	3	0	3	NONE
_____	ECT1	0	4	1	3RD YEAR STANDING
	TOTAL	21	10	24	
THIRD YEAR, SECOND SEMESTER		LEC	LAB	CREDIT	PREREQUISITE
COURSE NO.	DESCRIPTION	HRS	HRS	UNITS	
_____	CKTS2	3	0	3	CKTS1, CKTS1L, COREQ: ENGMATH
_____	CKTS2L	0	3	1	COREQ: CKTS2
_____	ELECS2	3	0	3	ELECS1, ELECS1L
_____	ELECS2L	0	3	1	ELECS1L, COREQ: ELECS2
_____	ENGMATH	4	0	4	DIFEQNS
_____	ESSTREM	3	0	3	EMECH
_____	ESTHERM	3	0	3	PHYSICS2, INTECAL
_____	PROSTAT	3	0	3	INTECAL
_____	5PHILOMAN	3	0	3	NONE
_____	ECT2	0	4	1	ECT1
	TOTAL	22	10	25	

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FOURTH YEAR, FIRST SEMESTER

COURSE NO.	DESCRIPTION	LEC HRS	LAB HRS	CREDIT UNITS	PREREQUISITE
_____	CONSYS Control Systems	3	0	3	CKTS2, CKTS2L
_____	CONSYSL Control Systems Lab	0	3	1	COREQ: CONSYS
_____	LOGCAST Logic Circuits & Switching Theory Lecture	3	0	3	ELECS2, ELECS2L
_____	LOGCASTL Logic Circuits & Switching Theory Laboratory	0	3	1	COREQ:LOGCAST
_____	ENERCON Energy Conversion Lecture	3	0	3	CKTS2,CKTS2L
_____	ENERCOL Energy Conversion Laboratory	0	3	1	COREQ: ENERCON
_____	PRINCOM Principles of Communications Lecture	3	0	3	ELECS2, ELECS2L
_____	PRINCOML Principles of Communications Laboratory	0	3	1	COREQ: PRINCOM
_____	COMP SAR Computer Systems Architecture	3	0	3	COREQ: LOGCAST
_____	COMPROG1 Computer Programming 1	0	3	1	ECT1, FUNCOM, FUNCOML
_____	ICT1 Information and Communication Technology 1	0	4	1	ECT2
_____	DISMATH Discrete Mathematics	3	0	3	ENGMATH
_____	TOTAL	18	19	24	

FOURTH YEAR, SECOND SEMESTER

COURSE NO.	DESCRIPTION	LEC HRS	LAB HRS	CREDIT UNITS	PREREQUISITE
_____	COMSYOAL Computer Systems Organization with Assembly Language Lecture	3	0	3	COMP SAR, COREQ: ADLOCIR, ADLOCIRD
_____	COMSYOLL Computer Systems Organization with Assembly Language Laboratory	0	3	1	COREQ: COMSYOAL
_____	ADLOCIR Advanced Logic Circuit Design Lecture	3	0	3	LOGCAST, LOGCAL
_____	ADLOCIRD Advanced Logic Circuit Design Lab	0	3	1	COREQ: ADLOCIR
_____	COMPROG2 Computer Programming 2	0	3	1	COMPROG1
_____	DATA COM Data Communications	3	0	3	PRINCOM, PRINCOML
_____	CoELECT1 Elective 1	3	0	3	4TH YEAR STANDING
_____	DATASTRAN Data Structure & Algorithm Analysis Lecture	3	0	3	COMPROG1
_____	DATASTRANL Data Structure and Algorithm Analysis Laboratory	0	3	1	COREQ: DATASTRAN
_____	ICT2 Information and Communication Technology 1	0	4	1	ICT1
_____	CoEOJT Computer Engineering On-the-Job Training			3	4TH YEAR STANDING, ICT1
_____	TOTAL	15	16	23	

FIFTH YEAR, FIRST SEMESTER

COURSE NO.	DESCRIPTION	LEC HRS	LAB HRS	CREDIT UNITS	PREREQUISITE
_____	DIGICONS Digital Control Systems	2	0	2	CONSYS, ADLOCIR
_____	DIGICONSL Digital Control Systems Laboratory	0	3	1	COREQ: DIGICONS
_____	MICROS Microprocessor Systems	3	0	3	COMSYOAL, COMSYOLL
_____	MICROSL Microprocessor Systems Lab.	0	3	1	COREQ: MICROS
_____	STPLAN Structure of Programming Languages	3	0	3	DATASTRAN, DATASTRANL, COMPROG2
_____	ESENECO Engineering Economy	3	0	3	5TH TEAR STANDING, PRINECO
_____	ARTINT Artificial Intelligence	3	0	3	DATASTRAN, DATASTRANL, COREQ: STPLAN
_____	DEPROJ1 Design Project 1	1	0	1	COREQ: MICROS, MICROSL
_____	DEPROJ1D Design Project 1 Design	0	3	1	COREQ: DEPROJ1
_____	ICT3 Information and Communication Technology 3	0	4	1	ICT2
_____	CoELECT2 Elective 2	3	0	3	5TH TEAR STANDING
_____	TOTAL	18	13	22	

FIFTH YEAR, SECOND SEMESTER

COURSE NO.	DESCRIPTION	LEC HRS	LAB HRS	CREDIT UNITS	PREREQUISITE
_____	OPSYS Operating Systems Lecture	3	0	3	STPLAN
_____	OPSYSL Operating Systems Lab.	0	3	1	COREQ: OPSYS
_____	ESENMG T Engineering Management	3	0	3	5TH YEAR STANDING
_____	CoESAFETY CoE 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 Project 2	1	0	1	DEPROJ1
_____	DEPROJ2D Design Project 2 Design	0	3	1	COREQ: DEPROJ2
_____	ICT4 Information and Communication Technology 4	0	4	1	ICT3
_____	CoETOPICS Special Topics in Computer Engineering	0	3	1	5TH YEAR STANDING
_____	CoELECT3 Elective 3	3	0	3	5TH YEAR STANDING
_____	TOTAL	15	16	20	

ELECTIVES

_____	TCOMP Theory of Computing	3	0	3	STPLAN, DISMATH
_____	COMP TROL Computer Control and Automation	3	0	3	CONSYS, CONSYSL, COMP SAR
_____	SOFTEN Software Engineering	2	0	2	4TH YEAR STANDING
_____	SOFTENL Software Engineering Laboratory	0	3	1	4TH YEAR STANDING
_____	ADMECH Mechatronics with Robotics Technology	2	0	2	DIGICONS, DIGICONSL
_____	ADMECHL Mechatronics with Robotics Technology Lab	0	3	1	DIGICONS, DIGICONSL
_____	ECOIT Economics of Information	3	0	3	ESENECO
_____	COMPSIM Computer Simulation	3	0	3	ENGMATH, FUNCOM

Name: _____

Student No.: _____