

HOLY ANGEL UNIVERSITY
Angels City
REGISTRAR'S OFFICE
COLLEGE OF ENGINEERING AND ARCHITECTURE
BACHELOR OF SCIENCE IN ELECTRONICS AND COMMUNICATIONS ENGINEERING
EFFECTIVE S.Y. 2003-2004

FIRST YEAR, FIRST SEMESTER

COURSE NO.	DESCRIPTION	LEC HRS	LAB HRS	CREDIT UNITS	PREREQUISITE
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	0	3	1	NONE
1ENGLISH	READING & WRITING	3	0	3	NONE
ESDRAW	ENGINEERING DRAWING	0	3	1	NONE
4PHILHIS	PHILIPPINE HISTORY	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	6	24	

FIRST YEAR, SECOND SEMESTER

GEOSOL	ANALYTIC GEOMETRY & SOLID MENSURATION	4	0	4	MATHALG, TRIGO
1SPEECH	SPEECH & ORAL COMMUNICATION	3	0	3	1ENGLISH
ENVIRON	ENVIRONMENTAL SCIENCE	3	0	3	GCHEM1
GCHEM2	GENERAL CHEMISTRY 2 LECTURE	2	0	2	GCHEM1, GCHEM1L
GCHEM2L	GENERAL CHEMISTRY 2 LABORATORY	0	3	1	GCHEM1L, GCHEM1
FUNCOM	COMPUTER FUNDAMENTALS AND PROGRAMMING LEC	2	0	2	MATHALG
FUNCOML	COMPUTER FUNDAMENTALS AND PROGRAMMING LAB	0	3	1	MATHALG
4LOGIC	FUNDAMENTAL OF LOGIC	3	0	3	NONE
5MORAL	MORAL LIFE	3	0	3	5GODCAL
ARCDRAW	ARCHITECTURAL DRAWING	0	3	1	ESDRAW
7RHYACT	FUNDAMENTALS OF RHYTHMIC ACTIVITIES	2	0	2	7SELECT
NSTP2	NATIONAL SERVICE TRAINING PROGRAM 2	0	9	3	NSTP2
		22	9	25	

SECOND YEAR, FIRST SEMESTER

DIFFCAL	DIFFERENTIAL CALCULUS	4	0	4	GEOSOL
PHYSICS1	PHYSICS 1 LECTURE	4	0	4	GEOSOL
PHYSICS1L	PHYSICS 1 LABORATORY	0	3	1	GEOSOL
4GENPSY	GENERAL PSYCHOLOGY	3	0	3	NONE
3FILSIN	SINING NG PAKIKIPAGTALASTASA	3	0	3	NONE
1INTLIT	INTRODUCTION TO LITERATURE	3	0	3	NONE
5PRAYER	WORSHIP PRAYER & SACRAMENTS	3	0	3	5MORAL
BASCAD	BASIC COMPUTER-AIDED DRAFTING	0	3	1	ARCDRAW
ECETECH1	ELECTRONICS AND COMMUNICATIONS TECHNOLOGY I	0	3	1	2ND YEAR STANDING
INFOTECH1	INFORMATION TECHNOLOGY I	0	4	1	2ND YEAR STANDING
7FUNGAM	FUNDAMENTALS OF GAMES & SPORTS	2	0	2	7SELECT
		22	13	26	

SECOND YEAR, SECOND SEMESTER

INTECAL	INTEGRAL CALCULUS	4	0	4	DIFFCAL
PHYSICS2	PHYSICS 2 LECTURE	4	0	4	PHYSICS1, PHYSICS1L
PHYSICS2L	PHYSICS 2 LABORATORY	0	3	1	PHYSICS1L, PHYSICS1
APCAD	ADVANCED CAD & APPLICATIONS	0	3	1	BASCAD
1BUSTECH	BUSINESS CORRESPONDENCE & TECHNICAL WRITING	3	0	3	1ENGLISH
4RIZAL	LIFE AND WORKS OF RIZAL	3	0	3	NONE
4PHIGOV	POLITICS AND GOVERNANCE WITH PHIL. CONSTITUTION	3	0	3	4PHILHIS
3FILBAS	PAGBASA AT PAGSULAT SA IBAT IBANG DISIPLIN/	3	0	3	3FILSIN
ECETECH2	ELECTRONICS AND COMMUNICATIONS TECHNOLOGY II	0	3	1	ECETECH1
INFOTECH2	INFORMATION TECHNOLOGY II	0	4	1	INFOTECH1
7REACT	RECREATIONAL ACTIVITIES	2	0	2	7FUNGAM
		22	13	26	

THIRD YEAR, FIRST SEMESTER

ELECMAG	ELECTROMAGNETICS	3	0	3	PHYSICS2
CKTS1	CIRCUITS 1 LECTURE	3	0	3	PHYSICS2, PHYSICS2L
CKTS1L	CIRCUITS 1 LABORATORY	0	3	1	PHYSICS2L, PHYSICS2
ECEMECH	ENGINEERING MECHANICS	3	0	3	INTECAL, PHYSICS1
DIFEQNS	DIFFERENTIAL EQUATIONS	3	0	3	INTECAL
ELECS1	ELECTRONICS I LECTURE	3	0	3	COREQ: CKTS1, CKTS1L
ELECS1L	ELECTRONICS I LABORATORY	0	3	1	COREQ: CKTS1L, CKTS1
ECETECH3	ELECTRONICS AND COMMUNICATIONS TECHNOLOGY III	0	3	1	ECETECH2
INFOTECH3	INFORMATION TECHNOLOGY III	0	4	1	INFOTECH2
ESMATLS	ENGINEERING MATERIALS	3	0	3	ENVIRON
4PRINECO	PRINCIPLES. OF ECONOMICS	3	0	3	NONE
		21	13	25	

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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, CKTS1L
CKTS2L	CIRCUITS 2 LABORATORY	0	3	1	CKTS1L, CKTS1
ELECS2	ELECTRONICS 2 LECTURE	4	0	4	ELECS1, ELECS1L
ELECS2L	ELECTRONICS 2 LABORATORY	0	3	1	ELECS1L, ELECS1
ESTHERM	THERMODYNAMICS	3	0	3	PHYSICS2, DIFEQNS
ESSTREM	STRENGTH OF MATERIALS	3	0	3	ESEMECH
ECETECH4	ELECTRONICS AND COMMUNICATIONS TECHNOLOGY IV	0	3	1	ECETECH3
INFOTECH4	INFORMATION TECHNOLOGY IV	0	4	1	INFOTECH3
PROSTAT	PROBABILITY & STATISTICS	3	0	3	INTECAL
ECECAD	COMPUTER-AIDED CIRCUIT ANALYSIS & DESIGN IN ECE	0	3	1	ELECS2L, CKTS2L
ECEMATH	ECE MATHEMATICS	3	0	3	DIFEQNS
		18	16	23	

FOURTH YEAR, FIRST SEMESTER

ECECOMAP	ECE COMPUTER APPLICATIONS AND CIRCUIT DESIGN	3	0	3	ECE CAD
ECECOMAPL	ECE COMPUTER APPLICATIONS AND CIRCUIT DESIGN LABORATORY	0	3	1	COREQ: ECECOMAP
ECOACT	ENGINEERING ECONOMY AND ACCOUNTING	3	0	3	PROSTAT
SCITECH	SCIENCE, TECHNOLOGY & SOCIETY	3	0	3	4TH YEAR STANDING
ENERCON	ENERGY CONVERSION	3	0	3	CKTS2, CKTS2L
ENERCOL	ENERGY CONVERSION LAB	0	3	1	CKTS2L, CKTS2
ELECS3	ELECTRONICS 3 LECTURE	3	0	3	ELECS2, ELECS2L
ELECS3L	ELECTRONICS 3 LABORATORY	0	3	1	ELECS2L, ELECS2
COM1	COMMUNICATIONS 1 LECTURE	3	0	3	PROSTAT
COM1L	COMMUNICATIONS 1 LABORATORY	0	3	1	COREQ: COM1
		18	12	22	

FOURTH YEAR, SECOND SEMESTER

IELECS	INDUSTRIAL ELECTRONICS	3	0	3	ELECS3, ELECS3L, ENERCON
IELECSL	INDUSTRIAL ELECTRONICS LAB	0	3	1	ELECS3L, ELECS3, ENERCOL
COM2	COMMUNICATIONS 2 LECTURE	3	0	3	COM1, COM1L
COM2L	COMMUNICATIONS 2 LABORATORY	0	3	1	COM1L, COM1
ECEREMT	RESEARCH METHODS AND TECHNIQUES FOR ECE	2	0	2	SCITECH, COR: LOGCAST, COM2
ESENMGMT	ENGINEERING MANAGEMENT	3	0	3	ECOACT
LOGCAST	LOGIC CIRCUITS AND SWITCHING THEORY LECTURE	3	0	3	ELECS3, ELECS3L
LOGCASTL	LOGIC CIRCUITS AND SWITCHING THEORY LAB	0	3	1	ELECS3L, ELECS3
BRODEAC	BROADCASTING ENGINEERING & ACOUSTICS	3	0	3	COM1, COM1L
BRODEACL	BROADCASTING ENGINEERING & ACOUSTICS LAB	0	3	1	COREQ: BRODEAC
ECEINTPRO	ECE COMPUTER INTERFACING & PROGRAMMING	0	3	1	ECECOMAP
		17	15	22	

FIFTH YEAR, FIRST SEMESTER

COM3	COMMUNICATIONS 3 LECTURE	3	0	3	COM2, COM2L
COM3L	COMMUNICATIONS 3 LABORATORY	0	3	1	COREQ: COM3
COMMS4	COMMUNICATIONS THEORY 4 LECTURE & DESIGN	3	3	4	COREQ: COM3
CONSYS	CONTROL SYSTEMS LECTURE	3	0	3	IELECS, IELECSL
CONSYSL	CONTROL SYSTEMS LABORATORY	0	3	1	COREQ: CONSYS
MICRONS	MICROPROCESSORS & MICROCONTROLLERS SYSTEMS	4	0	4	LOGCAST, & L, ECEINTPRO
MICRONSL	MICROPROCESSORS & MICROCONTROLLERS LAB.	0	3	1	COREQ: MICRONS
ECEREPRO1	ECE RESEARCH PROJECT 1	0	3	1	ECEREMT, COREQ: MICRONS
ELECT 1	ECE PROFESSIONAL ELECTIVE 1	3	0	3	5TH YEAR STANDING
ELECT2	ECE PROFESSIONAL ELECTIVE I	3	0	3	5TH YEAR STANDING
		20	15	24	

FIFTH YEAR, SECOND SEMESTER

ECEDSP	DIGITAL SIGNAL PROCESSING LECTURE	3	0	3	MICRONS, MICRONSL
ECEDSPL	DIGITAL SIGNAL PROCESSING LABORATORY	0	3	1	COREQ: ECEDSP
DATAKOM	DATA COMMUNICATIONS	3	0	3	COM3, COMMS4
COMMS5	COMMUNICATIONS THEORY 5 LECTURE & DESIGN	3	3	4	COM3, COMMS4
ECESAFETY	ECE SAFETY ENGINEERING	2	0	2	COREQ: ECEREPRO2
ECELAWS	ECE LAWS, CONTRACTS, AND ETHICS	2	0	2	COREQ: ECEREPRO2
ECESFT	ECE SEMINARS, FIELD TRIPS	0	3	1	COREQ: ECEREPRO2
ECEREPRO2	ECE RESEARCH PROJECT 2	0	3	1	ECEREPRO1
ELECT3	ECE PROFESSIONAL ELECTIVE II	3	0	3	5TH YEAR STANDING
		17	12	20	

ELECTIVES

NAVAIDS	NAVIGATIONAL AIDS	3	0	3	COM1, COM1L
INCTRLS	INSTRUMENTATION AND CONTROLS	3	0	3	IELECS, IELECSL
MECHTRON	MECHATRONICS	2	3	3	CONSYS, CONSYSL
ECESPEC	SPECIAL TOPICS AND ISSUES IN ECE	3	0	3	COM2, IELECS
POWELEC	POWER ELECTRONICS	3	0	3	IELECS, IELECSL
COMPSAR	COMPUTER SYSTEMS AND ARCHITECTURE	3	0	3	MICROS, MICROSL
DIGICOS	DIGITAL CONTROL SYSTEMS	3	0	3	CONSYS, CONSYSL
		17	3	18	

Name: _____

Student No.: _____