

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

FIRST YEAR, FIRST SEMESTER		LEC	LAB	CREDIT	
COURSE NO.	DESCRIPTION	HRS.	HRS.	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 and Writing	3	0	3	NONE
_____	ESDRAW Engineering Drawing	0	3	1	NONE
_____	4PHILHIS Philippine History	3	0	3	NONE
_____	5THEO1 Doing Catholic Theology for Today's Filipino	3	0	3	NONE
_____	7SELECT Self-Testing Activities	2	0	2	NONE
_____	NSTP1 National Service Training Program 1	0	9	3	NONE
	TOTAL	22	15	27	
FIRST YEAR, SECOND SEMESTER		LEC	LAB	CREDIT	
COURSE NO.	DESCRIPTION	HRS.	HRS.	UNITS	PREREQUISITE
_____	GEOSOL Analytic Geometry & Solid Mensuration	4	0	4	MATHALG, TRIGO
_____	ARCDRAW Architectural Drawing	0	3	1	ESDRAW
_____	1SPEECH Speech and 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	COREQ: GCHEM2
_____	5LOGIC Logic	3	0	3	NONE
_____	FUNCOM Computer Fundamentals and Programming Lec	2	0	2	MATHALG
_____	FUNCOML Computer Fundamentals & Programming Lab.	0	3	1	MATHALG, COREQ: FUNCOM
_____	5THEO2 Christian Moral Living of Today's Filipino	3	0	3	5THEO1
_____	7RHYACT Fundamentals of Rhythmic Activities	2	0	2	7SELECT
_____	NSTP2 National Service Training Program 2	0	9	3	NSTP1
	TOTAL	22	18	28	
SECOND YEAR, FIRST SEMESTER		LEC	LAB	CREDIT	
COURSE NO.	DESCRIPTION	HRS.	HRS.	UNITS	PREREQUISITE
_____	DIFFCAL Differential Calculus	4	0	4	GEOSOL
_____	PHYSICS1 Physics 1 Lecture	4	0	4	MATHALG, TRIGO
_____	PHYSICS1 L Physics 1 Laboratory	0	3	1	COREQ: PHYSICS1
_____	3FILKOM Komunikasyon sa Akademikong Filipino	3	0	3	NONE
_____	4GENPSY General Psychology	3	0	3	NONE
_____	1INTLIT Introduction to Literatuare	3	0	3	NONE
_____	CET1 Plumbing Systems	0	3	1	ARCDRAW
_____	5THEO3 A Catholic View of Sexuality, Marriage & Family Life	3	0	3	5THEO2
_____	BASCAD Basic Computer-Aided Drafting	0	3	1	ESDRAW
_____	7FUNGAM Fundamentals of Games and Sports	2	0	2	7RHYACT
	TOTAL	22	9	25	
SECOND YEAR, SECOND SEMESTER		LEC	LAB	CREDIT	
COURSE NO.	DESCRIPTION	HRS.	HRS.	UNITS	PREREQUISITE
_____	INTECAL Integral Calculus	4	0	4	DIFFCAL
_____	PHYSICS2 Physics 2 Lecture	4	0	4	PHYSICS1, PHYSICS1L
_____	PHYSICS2L Physics 2 Laboratory	0	3	1	COREQ: PHYSICS2
_____	APCAD Advanced Computer-Aided Drafting & Applications	0	3	1	BASCAD
_____	CET2 Planning	0	3	1	CET1
_____	ESURVEY Elementary Surveying	3	0	3	MATHALG, TRIGO
_____	ESURVEYL Elementary Surveying Field	0	3	1	COREQ: ESURVEY
_____	1BUSTECH Business and Technical Writing	3	0	3	1ENGLISH
_____	3FILBAS Pagbasa at pagsulat tungo sa pananaliksik	3	0	3	3FILKOM
_____	7REACT Recreation Activities	2	0	2	7FUNGAM
	TOTAL	19	12	23	
THIRD YEAR, FIRST SEMESTER		LEC	LAB	CREDIT	
COURSE NO.	DESCRIPTION	HRS.	HRS.	UNITS	PREREQUISITE
_____	ESELME Elementary Electrical Engineering	2	0	2	PHYSICS2, PHYSICS2L, INTECAL
_____	ESELMEL Elementary Electrical Engineering Laboratory	0	3	1	COREQ: ESELME
_____	ESEMECH Engineering Mechanics	5	0	5	INTECAL, PHYSICS1, PHYSICS1L
_____	DIFEQNS Differential Equations	3	0	3	INTECAL
_____	4RIZAL Life and Works of Rizal	3	0	3	NONE
_____	HSURVEY Higher Surveying	2	0	2	ESURVEY, ESURVEYL
_____	HSURVEYL Higher Surveying Field	0	3	1	COREQ: HSURVEY
_____	GEOLOGY Engineering Geology	3	0	3	GCHEM2
_____	CET3 Construction Technology	0	3	1	CET2
	TOTAL	18	9	21	

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THIRD YEAR, SECOND SEMESTER		LEC	LAB	CREDIT	
COURSE NO.	DESCRIPTION	HRS.	HRS.	UNITS	PREREQUISITE
_____	ENGSURV Engineering Surveys	2	0	2	HSURVEY, EHSURVEYL
_____	SURVL3 Engineering Surveys Field	0	3	1	COREQ: ENGSURV
_____	SOILMEC Soil Mechanics Lecture	3	0	3	ESEMECH, GEOLOGY, COREQ: MEMAT
_____	SOILMEL Soil Mechanics Laboratory	0	3	1	COREQ: SOILMEC
_____	MEMAT Mechanics of Materials	5	0	5	ESEMECH
_____	CONSMAT Construction Materials & Testing Lecture	2	0	2	COREQ: MEMAT
_____	CONSMAL Construction Materials & Testing Lab	0	3	1	COREQ: MEMAT, CONSMAT
_____	PRINECO Principles of Economics w/ LRT	3	0	3	NONE
_____	CEMATH Applied Engg. Math with Numerical Methods	3	0	3	DIFEQNS
_____	CET4 Construction Methods & Technology	0	3	1	CET3
_____	TOTAL	18	12	22	
FOURTH YEAR, FIRST SEMESTER		LEC	LAB	CREDIT	
COURSE NO.	DESCRIPTION	HRS.	HRS.	UNITS	PREREQUISITE
_____	THEORY1 Structural Theory 1	2	0	2	MEMAT
_____	THEORY1D Structural Theory 1 Design	0	3	1	COREQ: THEORY1
_____	FLUID1 Fluid Mechanics & Hydraulics 1	2	0	2	ESEMECH
_____	FLUIDL1 Fluid Mechanics & Hydraulics 1 Laboratory	0	3	1	ESEMECH, COREQ: FLUID1
_____	HITRANS Highway and Transportation Engineering	3	0	3	ENGSURV, SURVL3
_____	MECHENG Basic Mechanical Engineering	3	0	3	PHYSICS2, PHYSICS2L
_____	ESENECO Engineering Economy	3	0	3	PRINECO, 4TH YEAR STANDING
_____	PROSTAT Probability & Statistics	3	0	3	INTECAL
_____	4PHIGOV Politics and Governance with Philippine Constitution	3	0	3	4PHILHIS
_____	TOTAL	19	6	21	
FOURTH YEAR, SECOND SEMESTER		LEC	LAB	CREDIT	
COURSE NO.	DESCRIPTION	HRS.	HRS.	UNITS	PREREQUISITE
_____	ESENMGT Engineering Management	3	0	3	4TH YR STANDING
_____	THEORY2 Structural Theory II	2	0	2	THEORY1
_____	THEORY2D Structural Theory II Design	0	3	1	COREQ: THEORY2
_____	STIMBER Structural Timber	2	0	2	THEORY1. COREQ: THEORY2
_____	STIMBERD Structural Timber Design	0	3	1	THEORY1. COREQ: THEORY2
_____	FLUID2 Fluid Mechanics & Hydraulics 2	2	0	2	FLUID1, FLUID1L
_____	FLUIDL2 Fluid Mechanics & Hydraulics Laboratory 2	0	3	1	COREQ: FLUID2
_____	IMERES Introduction to Methods of Research	3	0	3	PROSTAT
_____	5PHILOMAN Philosophy of Man	3	0	3	NONE
_____	CEELECT1 Elective 1	3	0	3	4TH YR STANDING
_____	CEOJT Civil Engineering on-the-job-Training	0	0	3	4TH YR STANDING
_____	TOTAL	18	9	24	
FIFTH YEAR, FIRST SEMESTER		LEC	LAB	CREDIT	
COURSE NO.	DESCRIPTION	HRS.	HRS.	UNITS	PREREQUISITE
_____	REICON Reinforced Concrete	3	0	3	THEORY2
_____	REICOND Reinforced Concrete Design	0	6	2	COREQ: REICON
_____	CEELECT2 Elective 2	3	0	3	5TH YR STANDING
_____	CEELECT3 Elective 3	3	0	3	5TH YR STANDING
_____	EQUAKE Earthquake Engineering	2	0	2	THEORY2
_____	CELAWS CE Laws, Contracts & Ethics	3	0	3	5TH YR STANDING
_____	HYDRO Hydrology & Water Engineering	3	0	3	FLUID2, FLUIDL2
_____	TOTAL	17	6	19	
FIFTH YEAR, SECOND SEMESTER		LEC	LAB	CREDIT	
COURSE NO.	DESCRIPTION	HRS.	HRS.	UNITS	PREREQUISITE
_____	CONPROM Construction Project Management	2	0	2	5TH YR STANDING
_____	CONPROMD Construction Project Management Design	0	3	1	COREQ: CONPROM
_____	SSTEEL Structural Steel	4	0	4	THEORY2
_____	SSTEELD Structural Steel Design	0	3	1	THEORY2, COREQ: SSTEEL
_____	CEPROJ CE PROJECT	1	6	3	5TH YR STANDING
_____	FONDENG FOUNDATION ENGINEERING	3	0	3	SOILMEC, SOILMEL, REICON
_____	WATERES Water & Waste Water Engineering	3	0	3	HYDRO
_____	CETOPICS Special Topics in Civil Engineering	1	6	3	5TH YR STANDING
_____	TOTAL	14	18	20	
ELECTIVES					
_____	URPLANN Urban Planning	3	0	3	4th YR STANDING
_____	OPTTECH Optimization Techniques	3	0	3	CEMATH, CET4
_____	HYDRASD Hydraulics Systems Design	3	0	3	HYDRO
_____	SMATRIX Structural Matrix Analysis	3	0	3	THEORY2
_____	CONACT Construction Cost Accounting	3	0	3	ESENECO, 5TH YR STANDING
_____	GEOTECH Geotechnical Engineering	3	0	3	SOILMEC, SOILMEL
_____	VIBRATION Vibration Engineering	3	0	3	EQUAKE
_____	PRECON Pre-Stressed Concrete	2	3	3	STDSGN1

Name: _____

Student No.: _____