



BACHELOR OF SCIENCE IN COMPUTER ENGINEERING (BSCpE)
CHECKLIST EFFECTIVE SY 2009-2010

NAME : _____
(Family Name, First Name, Middle Initial)

Transferee? () Yes () No
Last School attended : _____
Year first enrolled in Lorma College : _____

FIRST YEAR

FIRST SEMESTER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
BIBLE01	Christian Foundation	3		NONE
ALGEBRA	College Algebra	3		NONE
COMPRO1 Lec	Computer Fundamentals and Programming	1		NONE
COMPRO1 Lab		2		
DRWING1	Engineering Drawing 1	1		NONE
GENCHEM Lec	General Chemistry	3		NONE
GENCHEM Lab		1		
MODCOM1	Modern Communications 1	3		NONE
NSTP001	NSTP001	3		NONE
PHYSED1	Physical Fitness	2		NONE
TRIGONO	Plane and Spherical Trigonometry	3		NONE
Total Units:		25		

SECOND SEMESTER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
ALGBRA2	Advance College Algebra	2		ALGEBRA
ANLGEOM	Analytic Geometry	2		ALGEBRA, TRIGONO
BIBLE02	Christian Life and Ethics	3		BIBLE001
HRDWRE1 Lec	Computer Hardware	1		
HRDWRE1 Lab	Fundamentals	1		COMPRO1
COMPRO2 Lec	Computer Programming 2	2		COMPRO1
COMPRO2 Lab		1		
DRWING2	Engineering Drawing 2	1		DRWING1
MODCOM2	Modern Communications 2	3		MODCOM1
NSTP002	NSTP 2	3		NSTP001
PHYSED2	Rhythmic Activities	2		PHYSED1
SLDGEOM	Solid Mensuration	2		ALGEBRA, TRIGONO
Total Units:		23		

SECOND YEAR

FIRST SEMESTER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COMPAD1	Computer Aided Drafting 1	1		DRWING2
DIFFCAL	Differential Calculus	4		ANLGEOM
HRDWRE2	Hardware Servicing	1		HRDWRE1
PHYSED3	Individual / Dual Sports	2		PHYSED1
HUMANIT	Intro to Music and Arts Appreciation	3		NONE
PHILIT	Philippine Literature	3		NONE
PHYSCS1 Lec	Physics 1	3		ALGEBRA, TRIGONO
PHYSCS1 Lab		1		
MODCOM3	Speech and Oral Com. with Public Speaking	3		MODCOM2
FILIP1	Sining ng Pakikipagtalastasan	3		NONE
Total Units:		24		

SECOND SEMESTER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COMPAD2	Computer Engineering Drafting and Design	1		COMPAD1
DATSTRU Lec	Data Structures and Algorithm	3		
DATSTRU Lab	Analysis	1		COMPRO2
DISMATH	Discrete Mathematics	3		ALGEBRA
ECONTAX	Economics w/ Taxation	3		NONE
INTCALC	Integral Calculus	4		DIFFCAL
FILIP2	Pagbasa at Pagsusulat sa Iba't Ibang Isip	3		FILIP1
PHYSICS2 Lec	Physics 2	3		PHYSICS1
PHYSICS2 Lab		1		
PHYSED4	Team / Group Sports	2		PHYSED1
Total Units:		24		

THIRD YEAR

FIRST SEMESTER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
CRCUIT1 Lec	Circuits 1	3		PHYSICS2
CRCUIT1 Lab		1		
DIFFEQU	Differential Equations	3		INTCALC
ELCTRO1 Lec	Electronics Devices and Circuits	3		PHYSICS2
ELCTRO1 Lab		1		
JPRIZAL	Life and Works of Rizal	3		NONE
OPERSYS Lec	Operating Systems	3		DATASTRU
OPERSYS Lab		1		
POLIGOV	Politics and Governance with Philippine Constitution	3		NONE
STATICS	Statics of Rigid Bodies	3		PHYSICS1
Total Units:		24		

SECOND SEMESTER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
ADVMATH	Advance Engineering Mathematics for CpE	3		DIFFEQU
CRCUIT2 Lec	Circuits 2	3		CRCUIT1
CRCUIT2 Lab		1		
COMPORG Lec	Computer System Organization with Assembly Language	3		DATASTRU, HRDWRE2
COMPORG Lab		1		
ELCTRO2 Lec	Electronics Circuits Analysis and Design	3		ELCTRO1
ELCTRO2 Lab		1		
LCAST01 Lec	Logic Circuit and Switching Theory	3		ELCTRO1, DISMATH
LCAST01 Lab		1		
TECHWRI	Technical Writing	3		MODCOM2
Total Units:		22		

SUMMER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
ENGGECO	Engineering Economy	3		3rd Yr Standing
GENPSYC	General Psychology with DE	3		NONE
PROBSTA	Probability and Statistics	3		ALGEBRA
Total Units:		9		

FOURTH YEAR

FIRST SEMESTER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
LCAST02 Lec	Advance Logic Circuit and Switching Theory	3		LCAST01
LCAST02 Lab		1		
DYNAMIC	Dynamics of Rigid Bodies	2		STATICS
EMRTECH	Emerging Technology (Elective 1)	3		3rd Yr Standing
COMPLAW	Eng'g Ethics & Computer Laws	3		NONE
ENVIRON	Environmental Engineering	2		GENCHEM
MECHDEF	Mechanics of Deformable Bodies	3		STATICS
COMPRO3	Object Oriented Programming	3		DATASTRU
PRINCOM	Principles of Communications	3		ELCTRO2
SFTYMG	Safety Management	1		3rd Yr Standing
Total Units:		24		

SECOND SEMESTER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COMPARC Lec	Computer System Architecture	3		COMPORG, LCAST02
COMPARC Lab		1		
DATACOM	Data Communications	3		PRINCOM
DESPRO1	Design Project 1 (Methods of Research)	2		4th Yr Standing
MANINFO	Management Information System (Elective 2)	3		4th Yr Standing
MICROPR Lec	Microprocessor Systems	3		COMPORG, LCAST02
MICROPR Lab		1		
SOCIETY	Society and Culture with FP	3		NONE
SOFTENG	Software Engineering	3		COMPRO3
SYSTDES	System Analysis and Design	3		COMPRO3
Total Units:		25		

SUMMER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
CNTRLSY Lec	Control Systems	3		CRCUIT2, ELCTRO2
CNTRLSY Lab		1		
DIGIPRO Lec	Digital Signal Processing	3		ADVMATH
DIGIPRO Lab		1		
Total Units:		8		

FIFTH YEAR

FIRST SEMESTER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COMPNET Lec	Computer Networks	3		DATACOM
COMPNET Lab		1		
DESPRO2	Design Project 2	2		DESPRO1
ONLTECH	Online Technology (Elective 3)	3		EMRTECH
FORLANG	Foreign Language Education (Elective 4)	3		None
ENGGMGT	Engineering Management	3		5th Yr Standing
ENTREPR	Entrepreneurship	3		5th Yr Standing
LITWRLD	Literatures of the World	3		None
FLDTRIP	Seminars and Field Trips	1		5th Yr Standing
Total Units:		22		

SECOND SEMESTER

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
PRACTIC	On-The-Job Training	12		5th Yr Standing
Total Units:		12		

Notes:

- OJT number of hours = 8 hrs/day * 5 days/week * 18 weeks/sem = 720 hours
MOA with the company would indicate 680 hours (17 weeks).
One week is allotted for other concerns like documentation, etc.
- Electives are from Tract 2 for Information Technology