

**CSE .C004.04.0**



**College of Computer Studies and Engineering  
LORMA COLLEGES**

**BACHELOR OF SCIENCE IN COMPUTER ENGINEERING (BScPE)  
CHECKLIST EFFECTIVE SY 2008-2009**

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
Chem 1Lec	General and Inorganic	3		None
Chem 1Lab	Chemistry 1	2		
Draw 11	Engineering Drawing 1	2		None
Engl 1	Communication Arts 1	3		None
Hum	Intro to Music and Appreciation	3		None
Math 1	College Algebra	3		None
Math 2	Plane and Spherical Trigonometry	3		None
NSTP001	NSTP 1	3		None
PE 1	Physical Fitness 1	2		None

**Total Units: 27**

**SECOND SEMESTER**

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
BIBLE02	Christian Life and Ethics	3		BIBLE01
Chem 2Lec	General and Inorganic	3		Chem 1
Chem 2Lab	Chemistry 2	2		
Draw 12	Engineering Drawing 2	2		Draw 11
Engl 2	Communication Arts 2	3		Engl 1
Math 3	Plane and Solid Analytic Geometry	3		Math 1, 2
Math 4	Differential Calculus	3		Math 1,2
NSTP002	NSTP 2	3		NSTP001
PE 2	Physical Fitness 2	2		PE 1
Pol Sci 1	Pol & Governance with Philippine Constitution	3		None

**Total Units: 27**

**SECOND YEAR**

**FIRST SEMESTER**

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COMP 101Lec	Computer Fundamentals w/ Programming in C	2		None
COMP 101Lab		1		
Engl 3	Technical Writing	3		Engl 2
Lit 1	Philippine Literature	3		None
Math 5	Integral Calculus	3		Math 3,4
PE 3	Individual Sports	2		PE 1
Physics 1Lec	Colleges Physics 1	3		Math 1
Physics 1Lab		1		
Rizal	Life, Works of Dr. Jose P. Rizal	3		None

**Total Units: 21**

**SECOND SEMESTER**

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
Math 6	Differential Equation	3		Math 5
COMP 202Lec	Internet and Multi Media	2		COMP 101
COMP 202Lab	System	3		
Engl 4	Public Speaking	3		Engl 3
PE 4	Team/Group Sports	2		PE 1
Phil 1	Philosophy of Man	3		None
Physics 2	College Physics 2	5		Physics 1
Soc Sci 1	Society and Culture with Family Planning	3		None

**Total Units: 24**

**THIRD YEAR**

**FIRST SEMESTER**

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COE 311	Elem. Electrical Engineering	4		Physics 2
COE 321	Electronics 1	4		Physics 2
COE 331	Electromagnetic	3		3rd Yr Stndg
COMP 303	Productivity Tools	3		COMP 202
EM 301	Engineering Mechanics	3		3rd Yr Stndg
Filipino 1	Sining ng Komunikasyon	3		None
Logic	Logic with Critical Thinking	3		None
Math 7	Advance Engineering Math	3		Math 6

**Total Units: 26**

**SECOND SEMESTER**

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COE 301	Data Structures and Algorithms	3		Comp 101
COE 312Lab	Electrical Circuits	3		COE 311
COE 312Lec		1		
COE 332Lec	Electronics 2	3		COE 321
COE 332Lab		1		
COMP 304Lec	Computer Programming 1 (C++)	2		Comp 101
COMP 304Lab		1		
EM 303	Engineering Materials	3		EM 301
Filipino 2	Panitikang Pilipino	3		Filipino 1
Hist 3	Philippine History	3		None
Thermo	Thermodynamics	3		Physics 2

**Total Units: 26**

**FOURTH YEAR**

**FIRST SEMESTER**

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COE 402	Computer Systems Organization	3		4th Yr Stndg
COE 411 Lec	Energy Conversion	3		COE 312
COE 411 Lab		1		
COE 421Lec	Logic Circuit and Switching	3		COE 332
COE 421Lab	Theory	1		
COMP 404Lec	Computer Programming 2 (Assembly Language)	2		COE 301
COMP 404Lab		1		
ECO	Economics with Taxation and Land Reform	3		None
EM 302	Strength of Materials	3		EM 301
EM 401	Engineering Economy	3		EM 302
Math 8	Probability and Statistics	3		Math 7

**Total Units: 26**

**SECOND SEMESTER**

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COE 403	Structure of Programming Languages	3		COE 301
COE 404	Computer System Arch	3		COE 402
COE 422Lab	Advance Logic Circuits and Design	3		COE 421
COE 422Lec		1		
COE 431	Principles of Communication	3		4th Yr Stndg
COE 441	Control System	3		4th Yr Stndg
COMP 405 Lec	Database Management	2		Comp 404
COMP 405 Lab	System (DBMS)	1		
COMP 406 Lec	Computer Programming 3 (Visual C)	2		Comp 304
COMP 406 Lab		1		
Filipino 3	Retorika	3		Filipino 2

**Total Units: 25**

**SUMMER**

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COE 407	On-the-job Training (320 Hours)	5		4th Yr Stndg

**Total Units: 5**

Remarks : \_\_\_\_\_  
Agency for OJT : \_\_\_\_\_  
Evaluated by : \_\_\_\_\_ Date: \_\_\_\_\_

**FIFTH YEAR**

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COE 501	Software Engineering	3		Comp 405
COE 511	Data Communication and Networks	3		COE 404
COE 521 Lec	Operating Systems	2		COE 404
COE 521 Lab		1		
COE 531	COE Elective (Introduction to Environmental Eng'g)	3		5th Yr Stndg
COE 541	Design Project 1	2		5th Yr Stndg
COE 551	COE Elective 2	3		5th Yr Stndg
COE 561Lec	Microprocessors 1	3		COE 404
COE 561Lab		1		
Soc Sci 2	General Psychology w/ Drug Prevention	3		None

**Total Units: 24**

COURSE NO	DESCRIPTIVE TITLE	UNITS	GRADE	PREREQ
COE 502	COE Safety	3		5th Yr Stndg
COE 503	Seminars and Fieldtrips	1		5th Yr Stndg
COE 512 Lec	Data Communication & Computer Networks 2	2		COE 511
COE 512 Lab		1		
COE 532 Lec	COE Elective 3	2		5th Yr Stndg
COE 532 Lab		1		
COE 542	Design Project 2	1		COE 541
COE 552 Lec	COE Elective 4	2		5th Yr Stndg
COE 552 Lab		1		
COE 562 Lec	Microprocessors 2	3		COE 561
COE 562 Lab		1		
EM 501	Engineering Management	3		EM401,EM302

**Total Units: 21**

**Note:**

3rd YEAR STANDING means all 1st Year and 2nd Year major subjects were taken and passed.  
4th YEAR STANDING means all 1st, 2nd and 3rd Year major subjects were taken and passed.  
5th YEAR STANDING means all 1st, 2nd, 3rd and 4th Year major subjects were taken and passed.  
Both Lecture and Laboratory of COMP subjects must be passed otherwise the subject should be repeated