



UNIVERSITY OF BAGUIO
School of Information Technology
BACHELOR OF SCIENCE IN COMPUTER ENGINEERING
EFFECTIVE SY 2013-2014

FIRST YEAR

GRADE	FIRST SEMESTER		LEC	LAB	UNITS	PRE-REQUISITE
	COURSE NO.	DESCRIPTIVE TITLE				
	COEDRW1	Engineering Drawing 1	0	3	1	
	ENGCHL1	General and Inorganic Chemistry 1 - Lab	0	3	1	
	ENGCHM1	General and Inorganic Chemistry 1	3	0	3	
	ENGLIS1	Communication Skills 1	3	0	3	
	ENGMAT2	Plane Trigonometry	3	0	3	
	ENGMAT1	College Algebra	3	0	3	
	HISTORY1	Philippine History, Government and Constitution	3	0	3	
	KOMFIL1	Komunikasyon sa Akademikong Filipino	3	0	3	
	NSTPRO1	National Service Training Program 1	3	0	3	
	PELECT1	PE Elective 1	2	0	2	
	PHILOS1	Logic	3	0	3	
	SOCORN2	Social Orientation	1	0	1	
		TOTAL			29	

GRADE	SECOND SEMESTER		LEC	LAB	UNITS	PRE-REQUISITE
	COURSE NO.	DESCRIPTIVE TITLE				
	COEDRW2	Computer Aided Drafting	0	3	1	COEDRW1
	ENGLIS2	Communication Skills 2	3	0	3	ENGLIS1
	ENGMAT3	Analytic Geometry	4	0	4	ENGMAT1, ENGMAT2
	ENGMAT4	Solid Mensuration	2	0	2	ENGMAT1, ENGMAT2
	ENGMAT2	Advanced Algebra	3	0	3	ENGMAT1, ENGMAT2
	FILPPP2	Pagbasa at Pagsulat Tungo sa Pananaliksik	3	0	3	
	ITFUND1	Fundamentals of Information Technology	3	0	3	
	ITFUNL1	Fundamentals of Information Technology - LAB	0	3	1	
	PHILOS2	General Ethics and Values Education	3	0	3	
	PELECT2	PE Elective 2	2	0	2	
	NSTPRO2	National Service Training Program 2	3	0	3	
		TOTAL			28	

SECOND YEAR

GRADE	FIRST SEMESTER		LEC	LAB	UNITS	PRE-REQUISITE
	COURSE NO.	DESCRIPTIVE TITLE				
	COMPRG1	Computer Programming 1	3	3	4	ITFUNL1, ITFUND1
	CPETEL1	CpE Technology	0	3	1	w/ ENGPHS1, ENGPL1
	DISMAT1	Discrete Mathematics	3	0	3	ENGMAT2
	ENGLIS4	Public Speaking	3	0	3	ENGLIS2
	ENGMAT5	Differential Calculus	3	0	5	ENGMAT3, ENGMAT4
	ENGPL1	Engineering Physics 1 - Lab	0	3	1	ENGMAT3
	ENGPHS1	Engineering Physics 1	3	0	3	ENGMAT3
	SOCIOG1	Society and Culture with Family Planning	3	0	3	
	PELECT3	PE Elective 3	2	0	2	
		TOTAL			25	

GRADE	SECOND SEMESTER		LEC	LAB	UNITS	PRE-REQUISITE
	COURSE NO.	DESCRIPTIVE TITLE				
	CMPROG2	Computer Programming 2	3	3	4	COMPRG1
	ECONOM1	Basic Economics With TLR	3	0	3	
	ENGMAT6	Integral Calculus	5	0	5	ENGMAT5
	ENGPL2	Engineering Physics 2 - Lab	0	3	1	ENGPL1, ENGPHS1
	ENGPHS2	Engineering Physics 2	3	0	3	ENGPL1, ENGPHS1
	LITRAT1	Philippine Literature	3	0	3	ENGLIS2
	PSYCHO1	General Psychology	3	0	3	
	CPECAD1	Computer Engineering Drafting and Design	0	3	1	CPETEL1
	TRBSHT1	Computer Maintenance and Troubleshooting	0	6	2	ITFUNL1, ITFUND1
	PELECT4	PE Elective 4	2	0	2	
		TOTAL			27	

THIRD YEAR

GRADE	FIRST SEMESTER		LEC	LAB	UNITS	PRE-REQUISITE
	COURSE NO.	DESCRIPTIVE TITLE				
	DATSTC1	Data Structures and Algorithm Analysis	3	3	4	CMPROG2
	CPECIL1	Circuits 1 - Lab	0	3	1	ENGPHS2, ENGPL2
	CPECIR1	Circuits 1	3	0	3	ENGPHS2, ENGPL2
	CPELEC1	Electronics Devices and Circuits 1	3	0	3	ENGPHS2, ENGPL2
	CPELEL1	Electronics Devices and Circuits 1 - Lab	0	3	1	ENGPHS2, ENGPL2
	ENGMAT7	Differential Equations	3	0	3	ENGMAT6
	LCSTCL1	Logic Circuits and Switching Theory - Lab	0	3	1	w/CPELEC1,CPELEL1
	LCSTCO1	Logic Circuits and Switching Theory	3	0	3	w/ CPELEC1,CPELEL1
	STATRB1	Statics of Rigid Bodies	3	0	3	ENGPHS1, ENGPL1,ENGMAT6
	ENGMAT8	Advanced Engineering Mathematics	3	0	3	ENGMAT6
	CPEMOB1	Mobile Programming for CpE	2	3	3	CMPROG2
		TOTAL			28	

GRADE	SECOND SEMESTER		LEC	LAB	UNITS	PRE-REQUISITE
	COURSE NO.	DESCRIPTIVE TITLE				
	ALCDEL1	Advanced Logic Circuit - Lab	0	3	1	LCSTCL1, LCSTCO1
	ALCDES1	Advanced Logic Circuit	3	0	3	LCSTCL1, LCSTCO1
	COMSYS1	Computer System Design and Architecture	3	0	3	LCSTCL1, LCSTCO1
	DYNARB1	Dynamics of Rigid Bodies	2	0	2	STATRB1
	COESAD1	Systems Analysis and Design	2	3	3	CMPROG2
	CPECIL2	Circuits 2 - Lab	0	3	1	CPECIR1, CPECIL1
	CPECIR2	Circuits 2	3	0	3	CPECIR1, CPECIL1
	CPELEC2	Electronic Circuit Analysis and Design	3	0	3	CPELEC1, CPELEL1
	CPELEL2	Electronic Circuit Analysis and Design - Lab	0	3	1	CPELEC1, CPELEL1
	NETADM1	Introduction to Networks and Data Communications	2	3	3	TRBSHT1
	MECHDB1	Mechanics of Deformable Bodies	3	0	3	STATRB1
		TOTAL			26	



UNIVERSITY OF BAGUIO
School of Information Technology
BACHELOR OF SCIENCE IN COMPUTER ENGINEERING
EFFECTIVE SY 2013-2014

FOURTH YEAR

GRADE	FIRST SEMESTER		LEC	LAB	UNITS	PRE-REQUISITE
	COURSE NO.	DESCRIPTIVE TITLE				
	COWASM1	Computer System Organization w/ Assembly Lang.	3	3	4	COMSYS1
	CPECTV1	Microelectronics	3	0	3	ALCDEL1, ALCDES1
	CPECOM1	Principles of Communications	3	0	3	CPELEC2, CPELEL2
	DATABS1	Database Management System	3	3	4	COESAD1, CPELEC2, CPELEL2
	FCNTRL1	Feedback and Control Systems	3	3	4	ENGMAT8
	NETADM2	Routing and Switching Essentials	2	3	3	NETADM1
	OPSYSC1	Operating System	3	0	3	COMSYS1, DATSTC1
	OPSYSL1	Operating System - Lab	0	3	1	COMSYS1, DATSTC1
		TOTAL			25	

GRADE	SECOND SEMESTER		LEC	LAB	UNITS	PRE-REQUISITE
	COURSE NO.	DESCRIPTIVE TITLE				
	DIGISP1	Digital Signal Processing	3	3	4	ENGMAT8, FCNTRL1
	CPEMIC1	Microprocessor	3	0	3	COWASM1
	CPEMIL1	Microprocessor - Lab	0	3	1	COWASM1
	EFWTNG1	Technical Writing	3	0	3	ENGLIS2
	CPECTV2	Embedded Systems	3	0	3	CPECTV1
	ENGMAT9	Probability and Statistics	0	3	3	ENGMAT6
	ENGMGT1	Engineering Management	3	0	3	4th Year Standing
	ENGSOE1	Software Engineering	2	3	3	DATABS1
	NETADM3	Scaling Networks	2	3	3	NETADM2
		TOTAL			26	

GRADE	SUMMER		LEC	LAB	UNITS	PRE-REQUISITE
	COURSE NO.	DESCRIPTIVE TITLE				
	CPEOJT1	On-the-Job Training	3	0	3	5th Year Standing
		TOTAL			3	

FIFTH YEAR

GRADE	FIRST SEMESTER		LEC	LAB	UNITS	PRE-REQUISITE
	COURSE NO.	DESCRIPTIVE TITLE				
	CPECTV3	IC Fabrication	2	3	3	CPECTV2
	NETADM4	Connecting Networks	2	3	3	NETADM3
	FLDTRP1	Fieldtrip and Seminars	0	3	1	5th Year Standing
	PROJCT1	Project Design 1	2	0	2	5th Year Standing
	TECPRE1	Technopreneurship	3	0	3	ENGMGT1
	RIZALJ1	Life and Works of Rizal	3	0	3	
		TOTAL			15	

GRADE	SECOND SEMESTER		LEC	LAB	UNITS	PRE-REQUISITE
	COURSE NO.	DESCRIPTIVE TITLE				
	ENGENV1	Environmental Engineering w/ Safety Mngt.	3	0	3	5th Year Standing
	ECLAWS1	Engineering Ethics and Computer Laws	3	0	3	PROJCT1
	ENGECO1	Engineering Economy	3	0	3	ENGMGT1
	PROJCT2	Project Design 2	1	0	1	PROJCT1
		TOTAL			10	
		GRAND TOTAL			242	

4th year standing - Students must have finished all subjects from 1st year to 3rd year
 5th year standing - Students must have finished all subjects from 1st year to 4th year