



Course Number	Course Title	Assessment	Credits	Instruction Hour Allocation					Credits Distribution for Semesters														Responsible Unit	
				Total Hrs	Lec	Lab	Practice	Recita- tion	1	I	2	II	3	III	4	IV	5	V	6	VI	7	VII		8
									19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W		16 W
0007073	Freshmen Seminar Course	General Assessment	1	16	16				1															College of Electronic Information and Control Engineering
0000066	Engineering Graphics V	Exam	3	48	48				3															College of Mechanical Engineering & Applied Electronics Technology
0004622	Data Structure and Algorithms	Exam	3	48	32	16					3													College of Electronic Information and Control Engineering
0000111	Circuit Analysis Fundamentals	Exam	5	80	64	16					5													College of Electronic Information and Control Engineering
0000123	Digital Electronic Technology	Exam	4	64	64								4											College of Electronic Information and Control Engineering
0004333	Analog Electronic Technology	Exam	3.5	56	56								3.5											College of Electronic Information and Control Engineering
0001995	Computer Principles and Applications I	Exam	4	64	54	10									4									College of Electronic Information and Control Engineering
0004186	Signals and Systems I	Exam	4	64	64										4									College of Electronic Information and Control Engineering
0007264	Communication Electronic Circuits	Exam	3.5	56	56													3.5						College of Electronic Information and Control Engineering
0004639	Introduction to Random Signal Analysis	General Assessment	2	32	32										2									College of Electronic Information and Control Engineering
0001997	Digital Signal Processing II	Exam	3	48	48											3								College of Electronic Information and Control Engineering
0001654	Principles of Communication Systems	Exam	3.5	56	56											3.5								College of Electronic Information and Control Engineering
0007265	Fundamentals of Communication Networks	Exam	2.5	40	34	6										2.5								College of Electronic Information and Control Engineering
0007263	Electromagnetism Field and Electromagnetism Wave	Exam	3	48	48											3								College of Electronic Information and Control Engineering
Discipline Requirements		Sub-total	45	720	672	48			4		8		7.5		10		12		3.5					
0004181	Practical Training of Program Design	General Assessment	1	30			30		1															College of Electronic Information and Control Engineering
0004746	Machine Shop Training A	General Assessment	1	30			30		1															College of Mechanical Engineering & Applied Electronics Technology
0004964	Physics Laboratory (Engineering)-1	General Assessment	1	24	2	22					1													College of Applied Science
0003087	Practices of National Defense	General Assessment	1	30			30					1												Students' Affairs Office
0004594	The Electronic Technology Experiments-1	General Assessment	1	24		24							1											College of Electronic Information and Control Engineering
0004965	Physics Laboratory (Engineering)-2	General Assessment	1.5	36		36							1.5											College of Applied Science
0004625	The Electronic Technology Experiments-2	General Assessment	2.5	60		60									2.5									College of Electronic Information and Control Engineering
0007069	Social Practices	General Assessment	2	48			48									2								School of Marxism
0007260	Cognitive Practice	General Assessment	1	30			30									1								College of Electronic Information and Control Engineering

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									19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W		16 W
0007488	Electronic Engineering Training I -1	General Assessment	1.5	45			45									2							College of Electronic Information and Control Engineering	
0007489	Electronic Engineering Training I -2	General Assessment	2.5	75			75									2							College of Electronic Information and Control Engineering	
0004626	Engineering Application Training of Signal Processing	General Assessment	2	60			60											2					College of Electronic Information and Control Engineering	
0004148	Communication Circuits and Systems Experiment	General Assessment	1.5	36		36												1.5					College of Electronic Information and Control Engineering	
0001208	Electronic Engineering Training I -3	General Assessment	2	60			60											2					College of Electronic Information and Control Engineering	
0007256	Professional Practice	General Assessment	4	120			120												4				College of Electronic Information and Control Engineering	
0004945	Curricula Project of Specialty	General Assessment	2	60			60													2			College of Electronic Information and Control Engineering	
0002023	Senior Project	General Assessment	16	480			480															16	College of Electronic Information and Control Engineering	
Practical Requirements		Sub-total	43.5	1248	2	178	1068		2		1	1	2.5		2.5	3	4		5.5	4	2		16	
Discipline Electives			5	80													2		3					
Major Requirements			10	160													2		4		4			
Major Electives			7	112					3								2				2			
GEESEM:EM			4	64													2		2					
General Education Electives			9	144											3				2		4			
Electives		Sub-total	35	560					3						3		8		11		10			
Total for Theoretical Instruction			142	2376					24.5		25.5	2	26.5		19		20		14.5		10			
Total for Practical Instruction			43.5	1248					2		1	1	2.5		2.5	3	4		5.5	4	2		16	
Innovation Requirements			4	96																	4			
Total			189.5	3720					26.5		26.5	3	29		21.5	3	24		20	4	16		16	

Notation: GEESEM:EM is the abbreviation for General Education Electives for Science and Engineering Majors: Economics and Management.

## 2012 Undergraduate Curriculum for Electronics Information Engineering (Experimental Class) ( II )

Course Number	Course Title	Assessment	Credits	Instruction Hour Allocation					Credits Distribution for Semesters																Responsible Unit
				Total Hrs	Lec	Lab	Practice	Recitation	1	I	2	II	3	III	4	IV	5	V	6	VI	7	VII	8		
									19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	16 W		
0002007	Integrated Circuit Analysis and Design IV	Exam	2	32	22	10									2									College of Electronic Information and Control Engineering	
0003213	Principles of Automatic Control II	Exam	2	32	30	2										2								College of Electronic Information and Control Engineering	
0000786	Elements of Information Theory	General Assessment	2.5	40	40													2.5						College of Electronic Information and Control Engineering	
Discipline Electives		Sub-total	6.5	104	92	12									2		4		2.5						
0004938	Modern Electronic Measurement Technology and Instrument	Exam	2.5	40	34	6											2.5							College of Electronic Information and Control Engineering	
0007279	FPGA Principle, Design and Application	General Assessment	2	32	24	8											2							College of Electronic Information and Control Engineering	
0005701	Monochip and Embedded System I	General Assessment	2	32	26	6												2						College of Electronic Information and Control Engineering	
0007281	Design on Modernized Electric Circuit	General Assessment	2	32	32																2			College of Electronic Information and Control Engineering	
0007270	Technology of Electromagnetic Compatibility	General Assessment	2	32	32																2			College of Electronic Information and Control Engineering	
0004944	Signal Processing Using Matlab (Self-learning)	General Assessment	2	32	32												2							College of Electronic Information and Control Engineering	
0004629	Digital Speech Processing and Coding	General Assessment	2	32	32														2					College of Electronic Information and Control Engineering	
0004940	Television Principle (Chinese/English)	General Assessment	2.5	40	34	6													2.5					College of Electronic Information and Control Engineering	
0004939	Digital Image Processing (Chinese/English)	Exam	2.5	40	34	6													2.5					College of Electronic Information and Control Engineering	
0003281	The Essential Guide to Signal Processing	General Assessment	2	32	32																2			College of Electronic Information and Control Engineering	
0004941	DSP Technology and Application I (Chinese/English)	General Assessment	2.5	40	32	8															2.5			College of Electronic Information and Control Engineering	
0000108	Electric Machine Principle and Electric Drive	Exam	3.5	56	56												3.5							College of Electronic Information and Control Engineering	
0004931	Motion Control System (Chinese/English)	Exam	3	48	40	8													3					College of Electronic Information and Control Engineering	
0000129	Elementary Linear System Theory	Exam	2.5	40	34	6													2.5					College of Electronic Information and Control Engineering	
0001998	Process Control System I	Exam	3	48	40	8													3					College of Electronic Information and Control Engineering	
0000554	Computer Control System	General Assessment	2	32	32																2			College of Electronic Information and Control Engineering	
0004951	Modern Switching Technology I	General Assessment	2	32	26	6													2					College of Electronic Information and Control Engineering	
0004955	Mobile Communications	General Assessment	2.5	40	34	6													2.5					College of Electronic Information and Control Engineering	

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									19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	18 W	3 W	19 W	0 W	16 W		
0004953	Fiber-Optic Communication Theory (Chinese/English)	Genaral Assessment	2	32	26	6												2						College of Electronic Information and Control Engineering	
0007268	Wireless Communications	Exam	2.5	40	40													2.5						College of Electronic Information and Control Engineering	
0004630	Introduction to the New Technologies of Modern Communications I	Genaral Assessment	2	32	32															2				College of Electronic Information and Control Engineering	
0001979	Multimedia Data Communication Technique	Genaral Assessment	2.5	40	38	2														2.5				College of Electronic Information and Control Engineering	
Major Requirements		Sub-total	51.5	824	742	82											10		26.5		15				
0004819	Fundamentals of C Language Program Design I	Exam	3	48	28	20			3															College of Electronic Information and Control Engineering	
0001078	Database Technique and Application II	Genaral Assessment	2	32	20	12											2							College of Electronic Information and Control Engineering	
0005213	Single Chip Microcomputer Application Technologies	Genaral Assessment	2	32	26	6											2							College of Electronic Information and Control Engineering	
0001076	Computer Network Application I	Genaral Assessment	2	32	22	10												2						College of Electronic Information and Control Engineering	
0004942	Object Oriented Programming with C++	Genaral Assessment	2	32	16	16														2				College of Electronic Information and Control Engineering	
0007274	Signals, Systems and Transformations	Genaral Assessment	2	32	32															2				College of Electronic Information and Control Engineering	
Major Electives		Sub-total	13	208	144	64			3								4		2		4				

Vice-Director:

Vice-President:

Date:

Date: