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r! ab8@uv\$fg. .] ^_` ab. 域! : &# 4, : \$. r! l 4 .
! uv\$u \$] ^ % . 域 究4] 4• F4" #4 . JmM] B~a ! \$
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周) ^J b8; X含 z\周HX第8; Z按 19周56\\$. C 159周\$其O # 4
X含d; 89\3周\$OZ8 2周\$ %8A 8周\$ % OXBC\8周\$离• 8

9 3 周j [; V<\$%o+2; •批n\$. \$两x; Z之 B ; Z\$56J b; A4\$ %8 4QO8@~8; 3<\$约C 6周=

; • \$) /! O%_限b; I %H 须 160; I \$其O{ D OJ 46; I \${ Dm OJ 18; I \$\$%: , J 21; I \$\$% OJ 27; I \$\$%mOJ 23; I \$8@48{ J b 25; I = { I /L. 则-i A * ~ =; • %Ki z -i A 50I \$Yn* +. ; Z%Oo) / o z =; • %M\${ } %t * c, n % = %Mp | ;] 授 o! o! \$授oa; ; q;] =

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3b\$%mOJ \$ 2-7; Z B\$; • \$; •) /! [\$%%mOJ U b mO\$| C i O 23; I \$&\$%; • O 其他\$% A m\$%mOJ 超} 15; I \$其余; I 须 O &\$% B m\$%mOJ =

4b&\$%>Zr &KO! ; • h A m\$%mOJ \$A m\$%mOJ d EY=KO& \$%! ; • \$&\$% A mmOJ O CO 15; I \$2; • &(\$KO\$% B; dc \$8Wy / &\$%KO\$%LM=

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7b; • gp) /! %8A4 %BC~8@D \$ 16; I j ; • \$• ; AZ \$ 须参 QO8@3<\$2至 取 2xQO8@; I =

8b\$%s) 56! 8@D \$ 2-6; Z B\$; • 须O 该U b! Z J b\$| C i O 8; I =

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学期 /周次	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
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序号	书名	著(译)者	出版社	出版年	语种
1]	?	!	2013	OO
2	取4 j) *	!	2009	OO
3	超+M —{ } L) , 4M - . J 第E S! ' ; 之		- ' m893 ' Q	2009	OO
4	/b —概 4, : 4i j		!	2009	OO
5	GI { _—{ _: , CD &	\$周 =	(#] 3' Q	2009	OO
6	Uv] ^mM: , X第4' \	\$! R	} ~893' Q	2010	OO
7	HI] ^mM: , X第5' \	O	} ~893' Q	2010	OO
8	Principles of Testing Electronic Systems] ^f g z . #	Samiha M. Yervant Z. 1\$ ~U	l " a%3' Q	2007	OO
9	Computer Networking: A Top-Down Approach (4th Edition) CKI PQ6s " 5, : (第4')	Addison Wesley @1U	l " a%3' Q	2009	OO
10	Fundamentals of Electric Circuits (5th Edition)] 路: , X第5' \	Charles K. Alexander	l " a%3' Q	2013	RO
11	Computer Networks (5th Edition) CKI PQX第5' \	Andrew S. Tanenbaum David J. Wetherall	l " a%3' Q	2011	RO
12	Data Communications and Networking (5th Edition) H< { _4PQX第5' \	Behrouz A. Forouzan	l " a%3' Q	2013	RO
13	The Art of Computer Programming: Combinatorial Algorithms CKI b5BCLM61 | k :	Donald E.Knuth	(#] 3' Q	2012	RO
14	Electric Universe] ! 世界	David Bodanis	G; 3' Q	2006	RO
15	Digital Signal Processing: Principles, Algorithms and Applications (4th Edition) HI _} y#6 #4k: 4i j X第4' \	John G. Proakis Dimitris G. Manolokis	] ^ a%3' Q	2013	RO

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester
				总学时 Total Hours	实验/实践学时 Experimetal Hours	
	TB3707	毛泽东思想和中国特色社会主义理论体系概论	3	54		1
	TB3703	马克思主义基本原理	3	54	9	3
	TB3708	中国近现代史纲要	3	54	9	2

TB3709

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General
Education
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Course

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester
				总学时 Total Hours	实验实践学时 Experimental Hours	
\$% O J b Major Compulsory Course	ZB5232	g b 5 B C Object Oriented Programming	3	54	18	2
	ZB5506	单片 O 原理与 A 用 Single-Chip Microcomputer Principle and its Application	3	54	14	3
	ZB5512	- . # & ' 设计 Embedded System Design	3	54	18	3
	ZB5503	\$号与&' Signals and Systems	4	72	12	4
	ZB5525	通\$), / * Electronic Circuit of Communication	2	36	8	4
	ZB5524	计算Ogm与通\$ Computer Network and Communication	2	36	10	5
	ZB5513	HI _} y # Digital Signal Processing	3	54	14	5
	ZB5502	通\$原理 Communication Theory	4	72	14	6
	ZB5504	EDA mM EDA Technology	3	54	28	6
		\$% O J b C Subtotal	27	486	136	
\$% mO J b Major Optional Course	ZX5532	a b b w Engineering Drawing	2	36	18	2
	ZX5509	{ p # General Physics	3	54	8	3
	ZX5511	H < > 4 _ ` f g Database and Information System	3	54	16	3
	ZX5292	Java b 5 B C Java Programming	2	36	12	3
	ZX5529	] ^ 路 B C b Electronic Circuit Design	2	36	36	3
	ZX5522	MATLAB S ? MATLAB Language	2	36	12	3
	ZX5535	C k l K 助] 路 B C X & % \ Circuit CAD	2	36	16	4
	ZX5526	@ ? (mM Sensor Technology	2	36	8	4
	ZX5210	Windows b 5 B C Windows Programming	3	54	18	4
	ZX5545	3 @ ? (P Q Wireless Sensor Network	2	36	16	4
	ZX5252	Web i j 4 B C	2	36	12	5
	ZX5506	] ^ j 4 v D (Electronic Measurement & Virtual Instruments	3	54	30	5
	ZX5520	s < / b # Principles of Automatic Control	3	54	10	5
	ZX5501	Android i j 4] Android Application and Development	3	54	26	5
	ZX5530	] ^ \$ % R S Electronic Specialty English	2	36	0	5
	ZX5523	RFID 4 ! D 别 mM RFID and Bar Code Recognition Technology	2	36	8	6
	ZX5542	HI > : , Basic of Digital Video and Audio	2	36	10	6
	ZX5551	p q P 1 P mM 4 i j X & % \ Technology and Application of the Internet of Things	2	36	12	6
	ZX5550	p q P i j n o • | B C	2	36	26	6
	ZX5554	] ^ _ ` a b \$ %] 1 The Professional Development of Cutting-edge of Electronic and Information Engineering	1	18	0	7
ZX5552	4 < { _ mM Mobile Communication	2	36	0	7	

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester	
				总学时 Total Hours	实验实践学时 Experimental Hours		
	ZX5564	Basic Practice of Program Application	3	54	54	7	
	ZX5565	Integrated Electronic System Design	3	54	54	7	
	Subtotal		23	414			
Subtotal			135	2502			
8@48 { J b Practice and Experimet	8@m Practice	SY9990	4政策 Current Affairs and Policy	2	√		1-8
		SY9995	# 4 Military Theory and Training	2	√		1
		SY9992	OZ 8 Mid-term training	2	√		6
		SY9989	% 8 A Graduation Practice	2	√		8
		SY9999	% OBC\Graduation Thesis (Project)	6	√		8
		SY9994	OO8@ Social Practice	2	√		1-7
	% 8{ Specialized Experiment	SY5501	\$ % . C 4 m u Professional Knowledge and Skills Training	2	36	36	1
		SY5503	] ^ m M i j • | B C Integrated Design of Electronic Technology Application	2	36	36	3
		SY5505	c d e f g • | B C	2	36	36	4
		SY5510	{ _ f g • | B C Integrated Design of Communication System	2	36	36	6
	e Ne % 8{ Innovation and entreprene ur Ship Experimen t	SY9701	&% ' (H) X * \ Enterprise deduction sandbox	1	22	22	1
		Subtotal		25		166	
	Z J b C Total			160			

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2. 8@mJ bJ 8{ mO! \$%8{ J J e Ne%8{ J ; • gp) / \$其余6 \$%s) 56=

课程类别	课程名称	学分	学时	实践实验学时	开课学期与周学时								
					1	2	3	4	5	6	7	8	
	TU O+4: <:	3	36		2								
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课程类别	课程名称	学分	学时	实践实验学时	开课学期与周学时								
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专业学院	专业名称	课程类别	课程代码	课程名称	学分	学时	开课学期
_、4 {_a b;]、^ a_b	\$_mOJ bXA m\	ZX5503	\$ l . # 4i j	3	54/10	\$
		\$_mOJ bXA m\	ZX5508	Uv] ^mM	3	54	\$
		\$_mOJ bXA m\	ZX5509	{ p#	3	54/10	\$
		\$_mOJ bXA m\	ZX5512	HI] ^mM	3	54/10	\$
		\$_mOJ bXA m\	ZX5526	@? (mM	2	36/8	—
		\$_mOJ bXA m\	ZX5515	{ _ . #	3	54/8	—
		\$_mOJ bXA m\	ZX5531	2H	2	36	—
		\$_mOJ bXA m\	ZX5543	HI _} y#	2	36	—

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&\$%* + 4 4K4 fg] 1\$. Z. z! ' ; 4(OE+J eNHI \$b
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! \$ l fg4cdefg! n@o] 4BC4 zJ . uv\$u\$j km] ^4PQ{
_4a%/b4D(D 456] ^4pqPi j ~ %. 域a ! } *i j () =

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4\ . Zp/! K9J : &CD\$+ . z! K9 J : i j

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X含d; 89\3 周\$OZ 8 2 周\$ %8A 8 周\$ % OXBC\8 周\$离• 8
9 3 周j [; V<\$%o+2; • 批n\$. \$两x; Z之 B ; Z\$56J b; A4\$
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; • \$) /! O%_b; l %H. 则 须 160; l \$其O{ D OJ 46; l \${ D
mOJ 18; l \$\$\$: , J 24; l \$\$\$% OJ 23; l \$\$\$%mOJ 24; l \$8@48{
J b 25; l = { l /L. 则- i A * ~ =; • %Ki z - i A 50l \$Yn
* +. ; Z%Oo) / o z =; • %M\${ } %t * c, n % = %Mp | ;]
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l \$\$\$: , J 24; l \$\$\$% OJ 23; l \$\$\$%mOJ 24; l \$8@48{ J b 25; l =
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xU \$\$ 2-7; Z B\$| Ci O 18; l \$且\$每xU OO 至 2x; l =其O\$
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&\$% B m\$mOJ =

5b&\$%>Zr &KO! ; • h A m\$mOJ \$A m\$mOJ d EY=KO&
\$%! ; • \$&\$% A mmOJ O CO 15; l \$2; • &(\$KO\$% B;
dc \$8Wy / . &\$%KO\$%LM=

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6bG; K9采取mJ e89俱乐部8; \$; • V<&(K9\$YJ 趣. zmnO
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7b; • gp) /! %8A4%BC~8@D \$ 16; l j ; • \$• ; AZ \$
须参 QO8@3<\$2至 取 2xQO8@; l =

8b\$%s) 56! 8@D \$ 2-6; Z B\$; • 须O 该U b! ZJ b\$| C
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9. V<; • Z%8; " #Oo) / \$; • =取 eN; l 替" { DmOJ; l \$最P
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序号	书名	著(译)者	出版社	出版年	语种
1] ^ _ ` mM(] ^ _ ` -)	' r	东' ; mM3' Q	2008	OO
2	_ ` 取4 j) *	! G; 3' Q	2009	OO
3	HI] ^ mM: , (第 ')	O	} ~ 893' Q	2007	OO
4	Uv] ^ mM: , (第 ')		} ~ 893' Q	2010	OO
5	] ^ 路BC·8{ · z(第 ')	r 4: s .	] ^ a%3' Q	2008	OO
6	CkI PQ (第6' )	:	] ^ a%3' Q	2013	OO
7	cde8M操 fg μC/OS-IK第2' \	Labrosse ; ~U	YR G; 3' Q	2003	OO
8	cdefg@oKfBC	<=>	YR G; 3' Q	2007	OO
9	ARM cde '] Y] pK8 [H讲	t O	YR G; 3' Q	2011	OO
10	CkI 1 4cdefg(第6') Computer Organization and Embedded Systems X 6th Edition \	Carl Hamacher	l " a%3' Q	2012	RO
11	cdeCkfgBC #X第2' \	Wayne Wolf	l " a%3' Q	2008	RO
12	cdefgno8b An Embedded Software Promer	David E.Simom	l " a%3' Q	2005	RO
13	C b5BCS?X第?' ·N' \	Brian W. Kernighan	l " a%3' Q	2005	RO
14	操 fg—H 4BC. #X第 ' \	William Stallings	] ^ a%3' Q	2013	RO
15	HI _} y# —: &CkI ! , : X第4' \ Digital Signal Processing—A Computer-based Approach (4th Edition)	Sanjit K. Mitra	! G; 3' Q	2012	RO

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester
				总学时 Total Hours	实践实验学时 Experimental Hours	
{ D O J b General Education Compulsory Course	TB3707	T U O+ 4: < : , Ideological and Moral Cultivation and Fundamentals of Law	3	36		1
	TB3708	OPK ~ N史- + Survey of Modern Chinese History	3	54	9	2
	TB3703	. T RS: & # 概 Basic Theory of Marxism	3	54	9	3
	TB3709	毛泽东T U J O P Y Z Q O R S # K f 概 General Introduction to Mao Zedong Thought and Socialist Theory with Chinese Characteristics	5	90	18	4
	TB4301	G; S O College Chinese	3	54		1
	TB4307	i j 写 Applied Writing	1	18		6
	TB4601-TB4602	G; R S X 1-2\ College English -	8	144		1-2
	TB5902 TB5903 TB5904 TB5905	G; K 9 X 1-4\ Physical Education -	4	144		1-4
	TB4906-TB4907	} ~ H; X 1-2\ Higher Mathematics -	9	162		1-2
	TB4915	/ NH Linear Algebra	3	54		3
	TB4914	概 = 4 H # g C Probability and Mathematics Statistics	3	54		4
	TB9998	% 7 8 Career Guidance	1	18		7
	通识必修课程小计 Subtotal		46	900	36	
{ DmO J b General Education Optional Course		(O 4 Q O m	≥2	≥36		2-7
		L M 4 欣 m	≥2	≥36		
		s 4 ' mm	≥2	≥36		
		A 4 沟{ m	≥2	≥36		
		e N 4 e % m	≥2	≥36		
		Subtotal		≥18	≥324	
\$ % : J b Major Basic Course	ZJ5512	) * Fundamentals of Circuit A	3	54	8	1
	ZJ5201	高级语言程序设计 High-level Language Programming	4	72	24	1
	ZJ5511	] ^ _ ` a b 8 Introduction to Electronic Information Engineering	2	36	16	1
	ZJ5508	模+) , { B Analog Electronics	4	72	12	2
	ZJ5502	数字) , { B Digital Electronics	4	72	16	2
	ZJ5515	k : 4 H < & N Algorithm and Data Structure	2	36	12	2
	ZJ5506	2 H Complex Variable Function	2	36	0	3
	ZJ5510	{ p # General Physics	3	54	8	3
	Subtotal		24	432	96	

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester
				总学时 Total Hours	实践实验学时 Experimental Hours	
\$ % J b Major Compulsory Course	ZB5232	g b 5BC Object Oriented Programming	3	54	18	2
	ZB5506	\$ l . # 4 i j Single-Chip Microcomputer Principle and its Application	3	54	14	3
	ZB5512	c d e f g BC Embedded System Design	3	54	18	3
	ZB5533	c d e Linux f g Embedded Linux System	2	36	10	4
	ZB5503	_ } 4 f g Signals and Systems	4	72	12	4
	ZB5526	{ _ mM Communication Technology	3	54	12	5
	ZB5513	HI _ } y # Digital Signal Processing	3	54	12	5
	ZB5524	CK I PQ4{ _ Computer Network and Communication	2	36	10	6
	Subtotal			23	414	106
\$ % m O J b Major Optional Course	ZX5532	a b b w Engineering Drawing	2	36	18	2
	ZX5540	c d e 8M操 f g Embedded Real-time Operating System	2	36	10	3
	ZX5292	Java b 5BC Java Programming	2	36	12	3
	ZX5529	] ^ 路BCb Electronic Circuit Design	2	36	36	3
	ZX5511	H < > 4 _ ` f g Database and Information System	3	54	16	3
	ZX5522	MATLAB S ? MATLAB Language	2	36	12	3
	ZX5526	@ ? (mM Sensor Technology	2	36	8	4
	ZX5523	RFID 4 ! D 别 mM RFID and Bar Code Recognition Technology	2	36	8	4
	ZX5535	CK I K 助] 路 BCX & % \ Circuit CAD	2	36	16	4
	ZX5514	{ _ 接 w mM Communication Interface Technology	3	54	10	4
	ZX5506	] ^ ^ j 4 v D (Electronic Measurement & Virtual Instrument	3	54	30	4
	ZX5501	Android i j 4] Application and Development of Android	3	54	26	5
	ZX5210	Windows b 5BC Windows Programming	3	54	18	5
	ZX5520	s < / b . # Principles of Automatic Control	3	54	10	5
	ZX5551	p q P 1 P mM 4 i j X & % \ Technology and Application of the Internet of Things	2	36	12	5
	ZX5545	3 @ ? (PQ Wireless Sensor Network	2	36	10	6
	ZX5502	EDA mM EDA Technology	3	54	28	6
	ZX5542	HI > : , Basics of Digital Video and Audio	2	36	10	6
	ZX5530	] ^ \$ % RS Electronic Specialty English	2	36	0	6
	ZX5552	4 < { _ mM Mobile Communication	2	36	0	7
	ZX5564	b 5 i j : , 8 @ Basic Practise of Program Application	3	54	54	7
	ZX5565	] ^ f g • | BC Integrated Electronic System Design	3	54	54	7
	ZX5554	] ^ _ ` a b \$ %] 1 The Professional Development of Cutting-edge of Electronic and Information Engineering	1	18	0	7
Subtotal			24	432		
Subtotal			135	2502		

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester	
				总学时 Total Hours	实践实验学时 Experimental Hours		
8@48{ J b Practice and Experiment	8@m Practice	SY9990	4 政策 Current Affairs and Policy	2		√	1-8
		SY9995	# 4 Military Theory and Training	2		√	1
		SY9992	OZ 8 Mid-term training	2		√	6
		SY9989	%8A Graduation Practice	2		√	8
		SY9999	% OXBC\ Graduation Thesis (Project)	6		√	7-8
		SY9994	OO8@ Social Practice	2		√	1-7
	% 8{ Specialized Experiment	SY5501	\$ % . C 4 m u Professional Knowledge and Skills Training	2	36	36	1
		SY5503	] ^ m M i j • | B C Integrated Design of Electronic Technology Application	2	36	36	3
		SY5505	c d e f g • | B C Embedded Software Design	2	36	36	4
		SY5502	n o f g • | B C Integrated Design of Software System	2	36	36	5
	e Ne % 8{ Innovation and Entrepreneurship Experiment	SY9701	&% ' (H) X * \ Enterprise sandbox deduction	1	22	22	1
	Subtotal			25		166	
	Total			160			

1. “√”] 该mJ bX8; D \ ^ Z周; M+, \$; • 按照; l +, \$ i ; Z =

2. 8@mJ bJ 8{ mO! \$%8{ J J e Ne%8{ J ; • gp) / \$其余6 \$%s) 56=

课程类别	课程名称	学分 Credit	%: M Total Hours		开课学期与周学时								
			学时 Hours	实践实验学时 Experimental Hours	1	2	3	4	5	6	7	8	
{ D O J b	TU O+ 4: < :	3	36		2								
	OPK~N史- +	3	54	9		3							
	概 TRS: & #	3	54	9			3						
	毛泽东TUJOPY ZQORS# Kf 概	5	90	18				5					
	G; SO	3	54		3								
	i j 写	1	18							1			
	G; RS	8	144		4	4							
	G; K9(I-4)	4	144		2	2	2	2					
	} ~H;	9	162		4	5							
	/NH	3	54				3						
	概= 4H#gC	3	54					3					
	%78	1	18									1	
	46	900	36	15	14	8	10	0	1	1			
{ D mO J b	(O4QOm	≥2	≥36										
	LM4欣 m	≥2	≥36										
	s 4' mm	≥2	≥36										
	A4沟{ m	≥2	≥36										
	eN4e%m	≥2	≥36										
		≥18	≥324										
\$% : J b	) *	3	54	8	3								
	高级语言程序设计	4	72	24	4								
	] ^ _ ` ab8	2	36	16	2								
	模+), { B	4	72	12		4							
	数字), { B	4	72	16		4							
	k: 4H<&N	2	36	12		2							
	2H	2	36	0			2						
	{ p#	3	54	8			3						
	24	432	96	9	10	5							
\$% O J b	g b5BC	3	54	18		3							
	单片O原理与A用	3	54	14			3						
	- . # &' 设计	3	54	18			3						
	- . # Linux &'	2	36	10				2					
	\$号与&'	4	72	12				4					
	{ _mM	3	54	12					3				
	数字\$号I 理	3	54	12					3				
	计算Ogm与通\$	2	36	10						2			
	23	414	106		3	6	6	6	2				
\$% mO J b	ab bw	2	36	18		2							
	cde8M操 fg	2	36	10			2						
	Java b5BC	2	36	12			2						
	] ^ 路BCb	2	36	36			2						

课程类别	课程名称	学分 Credit	% Total Hours		开课学期与周学时								
			学时 Hours	实践实验学时 Experimental Hours	1	2	3	4	5	6	7	8	
	H<>4_`fg	3	54	16			3						

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J b7Oe f (1) T39j 47. M Tc (61. O98j 47. A Tc () T21j 47. TL Tc

A

专业 学院	专业 名称	课程类别	课程 代码	课程名称	学 分	学时	开课 学期
		\$%mOJ bXA m\	ZX5503	\$. # 4i j	3	54/10	\$
		\$%mOJ bXA m\	ZX5508	Uv] ^mM	3	54	\$

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&\$%* + K. fg] 1\$. Z. z! ' ; 4(OE+\$be234" #4: < ~
%: , CD\$fgi . . Ckl @o4no, g! : &# 4: &CD4: &mu4, : \$.
Z. r! 8@< uv\$u Ckl i j fgBC4] 4 . 4" #! i j 4 |
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! %#U=+, ; • b . . Ckl ' ; 4mM, g! : &# J : &CD\$接 Ck
l fg] 4i j 4" #! mu \$. ZBCJ] Ckl i j fg! : &uv=
; • / %Mi =5, g! CDJuv6

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OO>7?4: <cDh. z! % =

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]! : &uv\$be. N! n@ofg]L台J]a. = Zp/! Ckl fg• | i
j J . ! uv=

3b. _` mMJab] 4i j ! • | Ei \$包括6H; l uv4C T u
v4i j BCuv4沟{ J Wuv4. Fda uv~=

4b? Ckl ; ' !] 1\$. Z; ANno4N# hNmM! sX; Auv=

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6b. Zp/! K9J : &CD\$ q. . 1-2 e! K9 mu\$+ .
z! K9 A J ! • 3, e\$ +! \$A PX) /! G; • Ki
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7b. Z ! . 4} ! . G] J. z! . ; E+\$. Zp/! ? . 4 ~
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&\$%yz J bZ 6} * S? b5BC4离k &Nhi j 4H<&N4CkI 1 . # 4
CkI PQ4g b5BC4H<> . #hi j 4HI 4操 f g 4GI . # 4接w
mM4CkI f g&N4 u f gBC=

X• f b { &' ; • 8) ; I b" # \$: &O%_限> ; _ \$每; _I - 45两x
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X含 z \周HX第8; Z 19周\C 159周j 其O # 4 X含d; 89\3周\$
OZ 8 4周\$ %8A 8周\$ % OXBC\8周\$离• 893周j V<\$%8; o+\$
2; • 批n\$ \$两x; Z之 B ; Z\$56J b; A4\$%8 4QO8@~8; 3<\$
约6周=第6; Z • Z 56OZ 8 \$采取a; &| ! , e\$. 4周=

; • \$) /! O%_限b 须 160; I \$其O{ D OJ 46; I \${ DmOJ 18
; I \$\$%: , J 24; I \$\$% OJ 28; I \$\$%mOJ 23; I \$8@48{ J b 21
; I = { I /L . 则- i A * ~ = ; • %Ki z - i A 50I \$Yn* +.
; Z%Oo) / o z = ; • %M\${ } %t * c , n % =
%Mp | ;] 授o! o! \$授oa ; ; q ;] =

1b&\$% %t * + , 160; I \$其O{ D OJ 46; I \${ DmOJ 18; I \$
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2b{ DmOJ b包括(O4QO4LM4欣 4s 4' m4 A4沟{ 4eN4e%~ 5
xU = { DmOJ \$ 2-7; Z B\$; • 须 { DmOJ b 18; I \$且\$每xU OO
至 2x; I \$其O\$WG; • e%: , `XTX2243\$2; I \>; • ; % 须O J b \$且
须\$ 3; Z \$ 2取) / ; I =

3b\$%mOJ \$ 2-7; Z B\$; • \$; •) /! [\$\$\$\$mOJ U b mO\$ | Ci O
23; I \$&\$%; • O 其他\$%A m\$%mOJ 超} 15; I \$其余; I 须O &\$
%B m\$%mOJ =

4b&\$%>Zr &KO! ; • h A m\$%mOJ \$A m\$%mOJ d EY = KO&
\$%! ; • \$&\$% A m\$%mOJ O CO 15; I \$2; • &(\$KO\$% B;
dc \$8Wy / &\$%KO\$%LM=

5bG; RS \$ 1-2; Z B OJ \$; • i O 8; I j 3-7; Z ; • V<o+sRm
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6bG; K9采取mJ e89俱乐部8; =; • V<&(K9\$YJ 趣 z mnO

K9 ' \$\$ d! 8; 俱乐部) /! 8; b} \$取) /! 4; l =
 7b8@48{ J 6; • i &\$%) /! 8@48{ J 2取 21; l \$其O\$; • \$
 • ; AZ \$ 须参 QO8@3<\$2至 取 2xQO8@; l , . %j &\$%s) 5
 6! 8{ J b| b5BCJ bBC4HI J bBC4H<>i j J bBC4HI f g• |
 J bBC\$I 别\$ 2-6; Z B=
 8b第 6; Z \$5D 56“a; 替”8@8; D \$包括OZBCX2; l \ J HI f
 g• | J bBCX1; l \ 两x部l \$ C3; l =. K采取; • J b; A4\$%8A: i 8
 A &| “E; EI ”! 8; 12, e\$ HI f g• | J bBC8@m\$%J b; A4\$%m
 M8 4&% ' 8@J.] 8Adqo) \$; • J &% db/ 8; G- 48A, - \$2
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 9b第 8; Z \$; • 须 %BCJ %8A\$两者. = &| o) \$ \$%8 J &
 %8 q| 78\$ %8A7W * + &%F > y =
 10. V<; • 第 J ; • Y助vab89\ : ! %) / \$; • 第 J ; l *
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	第1 ; Z	第2 ; Z	第3 ; Z	第4 ; Z	第5 ; Z	第6 ; Z	第7 ; Z	第8 ; Z	第2-7; Z	
周H	20	20	20	20	20	20	20	19	约6周	165

学期 /周次	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
p				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Y	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
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课程类型	学分		学分占总学分比例 (%)	
	课堂教学	实践教学	课堂教学	实践教学
p 4 { D O J b	40	6.0	25	3.75
4 { D m O J b	18.0	0.0	11.25	0.0
Y 4 \$ % : , J b	16.0	8.0	10.0	5.0
4 \$ % O J b	19.0	9.0	11.875	5.625
4 \$ % m O J b	15.0	8.0	9.375	5.0
4 8 @ 4 8 { J	0.0	21.0	0.0	13.125
C	108	52	67.5	32.5
| C	160		100	

序号	课程名称	授课教师	开课学期	开课年份	课程性质
1	CKI ' ; 4mM, :		(#] 3' Q	2009	OO
2	CKI b 5BCLM X第4 - \	Donald E. Knuth	l " a % 3' Q	2011	RO
3	. KH; 6CKI ' ; : , XRO' 第3' \	Ronald L. Graham\$ Donald E. Knuth\$ Oren	l " a % 3' Q	2011	RO
4	CKI f g & N-j a 究 , : (RO' 4第 ')	John L. Hennessy David A. Patterson	l " a % 3' Q	2012	RO
5	@d# CKI f g 第2'				

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester
				总学时 Total Hours	实践学时 Experimental Hours	
{ D O J b General Education Course	TB3707	T U O+ 4: <: , Ideological and Moral Cultivation and Fundamentals of Law	3	36		1
	TB3708	OPK ~ N史- + Survey of Modern Chinese History	3	54	9	2
	TB3703	. . TRS: & # 概 Basic Theory of Marxism	3	54	9	3
	TB3709	毛泽东T U J O P Y Z Q O R S # K f 概 General Introduction to Mao Zedong Thought and Socialist Theory with Chinese Characteristics	5	90	18	4
	TB4301	G; SO College Chinese	3	54		1
	TB4307	i j 写 Applied Writing	1	18		2
	TB4601 TB4602	G; RS X 1-2\ College English -	8	144	72	1-2
	TB5902 TB5903 TB5904 TB5905	G; K 9 X 1-4\ Physical Education -	4	144		1-4
	TB4906 TB4907	} ~ H; X 1-2\ Higher Mathematics -	9	162		1-2
	TB4915	/ NH Linear Algebra	3	54		3
	TB4914	概 = 4 H # g C Probability and Mathematics Statistics	3	54		4
	TB9998	% 7 8 Career Guidance	1	18		7
	Subtotal			46	882	108
{ D m O J b General Education Optional Course	(O 4 Q O m		≥2	≥36		2-7
	L M 4 欣 m		≥2	≥36		
	s 4' m m		≥2	≥36		
	A 4 沟{ m		≥2	≥36		
	e N 4 e % m		≥2	≥36		
	Subtotal			≥18	≥324	
\$ %: , J b Major Basic Course	ZJ5213	C k l 8 Introduction to Computer Science	2	36	12	1
	ZJ5201	高级语言程序设计 Advanced Language Programming	4	72	24	1
	ZJ5212	b 5 B C: , Basis of Programming	2	36	12	2
	ZJ5209	O 1 2 3 4 A 用 Discrete Structure and Applications	3	54	18	2
	ZJ5202	数 k 2 3 Data Structure	4	72	24	2
	ZJ5208	计算 O g m Computer Network	3	54	18	3
	ZJ5206	5 作 &' Operating System	3	54	18	3
	ZJ5211	数 k 6 原理 4 A 用 Principles and Applications of Database	3	54	18	3
	\$ %: , J b C Subtotal			24	432	144

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester
				总学时 Total Hours	实践学时 Experimental Hours	
\$% OJ b Major Compulsory Course	ZB5238	数字7辑 Digital Logic	3	54	18	2
	ZB5232	面89象程序设计 Object-Oriented Programming	3	54	18	3
	ZB5228	S? b5BC Assemble Language	3	54	18	4
	ZB5203	计算O: 成原理 Principles of Computer Organization	4	72	18	4
	ZB5216	Linux f g l Linux System Analysis	3	54	18	4
	ZB5245	; O原理与接v { B Principles of Microcomputer and Interface Technology	3	54	18	5
	ZB5233	n o a b 8 Introduction to Software Engineering	3	54	18	5
	ZB5229	计算O&' 23 Computer Architecture	3	54	18	6
	ZB5250	< = &' 设计 Intelligent System Design	3	54	18	6
	Subtotal			28	504	162
\$%mO Jb Major Optional Course	ZX5292	PABC4P] Web Design and Web Site Development	2	36	12	2
	ZX5572	] ^ f g • | BC Integrated Electronic System Design	3	54	54	6
	ZX5564	b 5 i j : , 8 @ Basic Practice of Program Application	3	54	54	5
	ZX5514	{ _ 接 w m M Communication Interface Technology	3	54	18	4
	ZX5577	GH < 4 (a u Big Data and Artificial Intelligence	3	54	18	4
	ZX5565	CKI @ o b : , Fundamentals of Computer Hardware Programming	3	54	18	2
	ZX5283	k : BC4I Algorithm Design and Analysis	2	36	12	3
	ZX5246	Java b 5 BC Java Programming	2	36	12	3
	ZX5245	IT \$ % RS IT Professional English	2	36		7
	ZX5210	Windows b 5 BC Windows Programming	3	54	18	4
	ZX5208	FPGA 4 @ o s S ? FPGA and Hardware Description Language	3	54	18	3
	ZX5221	PJ K m M Multimedia Technology	3	54	18	6
	ZX5279	H < > i j f g BC4] Design and Development of Database Application System	2	36	12	4
	ZX5239	C# b 5 BC C# Programming	2	36	12	5
	ZX5238	ARM K f h b m M ARM Architecture and Programming	2	36	12	5
	ZX5209	Java EE i j] m M Application and Development of Java EE Technology	3	54	18	5
	ZX5247	Linux } * b Linux Advanced Programming	2	36	12	5
	ZX5274	n o z m M Software Testing Technology	2	36	12	6
	ZX5281	HI / b : , Fundamentals of Digital Control	2	36	12	5
	ZX5206	ASP.NET PQ b 5 BC ASP.NET Network Programming	3	54	18	6
ZX5251	Unity 3D i j Unity 3D Applications	2	36	12	6	
ZX5557	c d e ' I BC m M Analysis and Design of Embedded Project	2	36	12	6	

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester	
				总学时 Total Hours	实践学时 Experimental Hours		
	ZX5250	UML OUmM UML Modeling Technology	2	36	12	5	
	ZX5291	PQ!] Network Game Development	2	36	12	7	
	ZX5301	C k l ' ; 4 m M] 1 The Development of Computer Science and Technology	1	18		7	
	ZX5297	4 < L 台 i j n o] Mobile Platform Application Software Development	2	36	12	7	
	ZX5293	p q P 8 Introduction to Internet of Things	2	36		7	
	ZX5252	Web i j 4] Web Application and Development	2	36	12	6	
	ZX5576	. q P x y H I J x y a . Internet Financial Market and Financial Tools	2	36		7	
	Subtotal			23	414		
Subtotal			139	2502			
8@48 { J b Practice and Experiment	8@m Practice	SY9990	4 政策 Current Affairs and Policy	2		√	1-8
		SY9995	# 4 Military Theory and Training	2		√	1
		SY9992	O Z 8 Medium-term training	2		√	6
		SY9889	< % 8A Graduation Practice	2		√	8
		SY9999	< % O X B C \ Graduation Thesis (Project)	6		√	7-8
		SY9994	Q O 8 @ Social Practice	2		√	1-7
	\$%8{ Specialize d Experimen t	SY5205	b 5 B C J b B C Course Project of Programming	1	18	18	2
		SY5209	H I J b B C Course Project of Digital Logic	1	18	18	3
		SY5208	H < > i j J b B C Course Project of Database Application	1	18	18	4
		SY5210	H I f g • | J b B C Course Project of Comprehensive Digital System	1	18	18	6
	e Ne % 8 { Innovation and Entrepreneur ship Experiment	SY9701	& % ' (H) X * \ Enterprise sandbox deduction	1	22	22	1
	Subtotal			21			
	Total			160			

1. “√”] 该 m J b X 8; D \ ^ Z 周; M+, \$; • 按照; l +, \$ i; Z =

2. 8@m J b J 8{ m O! e Ne % 8{ J ; • g p) / \$ 其余 6 \$ % s) 5 6 =

课程类别	课程名称	学分	学时		开课学期与周学时								
			总学时	实践实验学时	1	2	3	4	5	6	7	8	
{ D O J b	TU O+4: <: ,	3	36		2								
	OPK ~ N史- +	3	54	9		3							
	... TRS: & # 概	3	54	9			3						
	毛泽东TUJ OPY Z QORS # K f 概	5	90	18				5					
	G; SO	3	54		3								
	i j 写	1	18			1							
	G; RSX1-2\	8	144	72	4	4							
	G; K9X1-4\	4	144		2	2	2	2					
	} ~ H; X1-2\	9	162		4	5							
	/ NH	3	54				3						
	概 = 4H# gC	3	54					3					
	%78	1	18									1	
	46	882	108	15	15	9	7				1		
{ D mO J b	(O4QOm	≥2	≥36										
	LM4欣 m	≥2	≥36										
	s 4' mm	≥2	≥36										
	A4沟{ m	≥2	≥36										
	eN4e %m	≥2	≥36										
	≥18	≥324											
\$% : J b	Ck l 8	2	36	12	2								
	高级语言程序设计	4	72	24	4								
	b5BC: ,	2	36	12		2							
	O1234A用	3	54	18		3							
	数k 23	4	72	24		4							
	计算Ogm	3	54	18			3						
	5作&'	3	54	18			3						
	数k 6原理4A用	3	54	18			3						
程	24	432	144	6	9	9							
\$% O J b	数字7辑	3	54	18		3							
	面89象程序设计	3	54	18			3						
	S? b5BC	3	54	18				3					
	计算O: 成原理	4	72	18				4					
	Linux f g l	3	54	18				3					
	; O原理与接v { B	3	54	18					3				
	noab8	3	54	18					3				
	计算O&' 23	3	54	18						3			
	< = &' 设计	3	54	18						3			
	28	504	162	0	3	3	10	6	6	0			
\$% mO J b	PABC4P]	2	36	12		2							
	] ^ f g • | BC	3	54	54						3			
	b5i j : , 8@	3	54	54					3				

课程类别	课程名称	学分	学时		开课学期与周学时								
			总学时	实践实验学时	1	2	3	4	5	6	7	8	
	{ _接wmm	3	54	18				3					
	Ckl @o b: ,	3	54	18		3							
	k: BC4l	2	36	12			2						
	IT \$%RS	2	36								2		
	Windows b5BC	3	54	18				3					
	Java b5BC	2	36	12			2						
	GH<4(a u	3	54	18				3					
	PJ KmM	3	54	18						3			
	H<>i j f gBC4]	2	36	12				2					
	FPGA 4@o sS?	3	54	18			3						
	C#b5BC	2	36	12					2				
	ARM Kf h bmM	2	36	12					2				
	Java EE i j] mM	3	54	18					3				
	Linux } * b	2	36	12					2				
	no zmM	2	36	12						2			
	HI /b: ,	2	36	12					2				
	ASP.NET PQb5BC	3	54	18						3			
	Unity 3Di j	2	36	12						2			
	cde 'l BCmM	2	36	12						2			
	UML OUmM	2	36	12					2				
	PQ!]	2	36	12								2	
	Ckl ' ; 4mM] 1	1	18										1
	4<L台i j no]	2	36	12									2
	pqP8	2	36										2
	Web i j 4]	2	36	12						2			
	. qPxyHI Jxya.	2	36										2
		23	414	144									
8@48 { J b	4政策	2			√	√	√	√	√	√	√	√	√
	# 4	2			√								
	OZ8	2								√			
	%8A	2											√
	% OXBC\	6										√	√
	QO8@	2			√	√	√	√	√	√	√	√	
	b5BCJ bBC	1	18	18		√							
	HI J bBC	1	18	18			√						
	H<>i j J bBC	1	18	18				√					
	HI f g • | J b B C	1	18	18							√		
	eNe %8{	&% ' (H) X * \	1	22		√							
		21											
		160											

1. “√”] 该mJ bX8; D \ ^ Z周; M+, \$; • 按照; l +, \$ i; Z =

2. 8@mJ bJ 8{ mO! eNe %8{ J ; • gp) / \$其余6 \$%s) 56=

A

专业学院	专业名称	课程类别	课程代码	课程名称	学分	学时	开课学期
①		A	ZX5211		3	54/18	
		A	ZX5222		3	54/18	
		A	ZX5233		3	54/18	
		A	ZX5254		2	36/12	
		A	ZX5267		2	36/12	
		A	ZX5269		2	36/12	
		A	ZX5272		2	36/12	
		A	ZX5275		2	36/12	
		A	ZX5278		2	36/12	
		A	ZX5280		2	36/12	

&\$%* + K. fg] 1\$ Z. z! ' ; 4(OE+\$f gi . . Ckl noBC4
] 4 . !: &# 4: , CD\$. r! noBC4] uv\$? 234" #4xy4
: <~ %: , CD\$u\$& %\$] ~ 4_` mM %! no] 4i j J" #! i j
4 | noab() =

&\$%=* + " #! _` mM() ">: &+, \$; • i r 树立“eN4e%4e ”
! %#U=+, ; • fg. . noab, g! : &# J: , CD\$bnoab4no
] 4 z 4no ' " #, g! , : J \$ Z. r! 8 no] uv=hp/! 12u
v4 WuvJ. F HI =

; • %M\$i . Z 45, g! CDJ uv 6

1br 树立 P4. %4@_4 ! 值 = AB治; 4. &F ! Gi \$. Z
OO>7?4: <cDh. z! % =

2b . z! ' ; E+\$fg. . &\$%! : &# 4: , CDJ: &mu=

3b. Z q! fgl uv4 r! no] uvJp/! no zh ' " #uv=
. Z. r! mMO{ 写Ji #uv\$=hS?4OI Auv=. p/xy4" #, !
)%CD\$. noabOj %no] O=

4b. Z. r! \$%s; uvJp/! eNuv\$u; A2i j N! no] L台ha. \$
? nomM] 1 =

5bb . . p cS\$u &\$%! cOt = . O 4t ca! : &, : \$
. Z 取CD! uv=

6b. Zp/! K9J : &CD\$ q. . 1-2 e! K9 mu\$+ . z!
K9 A J ! • 3, e\$ +! \$A PX) /! G; • Ki J
| *(n\$. Z f! z#J ! K \$u) OB. PJ . P! I SW=

7b. Z ! . 4} ! . G] J. z! . ; E+\$. Zp/! ? . 4 ~
. 4a . 4e . ! uv=

&\$%yz J bZ 6} * S? b5BC4离k &Nhi j 4H<&N4H<>. #hi j 4
操 f g4CkI 1 . #4CkI PQ4Java b5BC4noab4noab• | 8@=

: &O%_限> ; _\$每; _l - 45两x; Z =f b 8; . C 165周6每; Z按 20
周) ^J b 8; X含 z \周HX第8; Z 19周\C 159周j V<\$%8; o+\$2; •批
n\$. \$两x; Z之 B ; Z\$56J b; A4\$%8 4QO8@~8; 3<\$. 约 6
周=第6; Z第11周~18周56OZ 8 \$采取a; &| ! , e\$. 8周=

; • \$) /! O%_限b 须 160; l \$其O{ D OJ 46; l \${ DmOJ 18
; l \$\$\$: , J 22; l \$\$\$% OJ 27; l \$\$\$%mOJ 25; l \$8@48{ J b 22
; l = { l /L . 则- i A * ~ =; • i %Ki z - i A 50l \$Yn* +.
; Z%Oo) / o z =; • i %M\${ } i %t * c, n i %=
i %Mp | ;] 授o! o! \$授oa; ; q;] =

1b&\$% i %t * +, 160; l \$其O{ D OJ 46; l \${ DmOJ 18;
l \$\$\$: , J 22; l \$\$\$% OJ 27; l \$\$\$%mOJ 25; l \$8@48{ J b 22; l =
2b{ DmOJ 包括(O4QO4LM4欣 4s 4' m4 A4沟{ 4eN4e%~
5xU \$\$ 2-7; Z B\$| Ci O 18; l \$且\$每xU OO 至 2; l =其O\$VG
; • e%: , `XTX2243\$2; l \>; • ; % 须O J b\$且须\$ 3; Z \$2
取) /; l =

3b\$%mOJ \$ 2-7; Z B\$; • \$; •) /! [\$\$\$\$mOJ U b mO\$ | C
i O 25; l \$&\$%; • O 其他\$% A m\$%mOJ 超} 15; l \$其余; l 须
O &\$% B m\$%mOJ =

4b&\$%>Zr &KO! ; • h AmmOJ \$A m\$%mOJ d EY=KO&\$%
! ; • \$&\$% A m\$%mOJ O CO 15; l \$2; • &(\$KO\$% B;
dc \$8Wy / . &\$%KO\$%LM=

5bG; RS\$ 1-2; Z B OJ \$; • i O 8; l j 3-7; Z ; • V<o+sRm
ORSJ bJ ' =

6bG; K9采取mJ e89俱乐部8; =; • V<&(K9\$YJ 趣. zmnO
K9 ' \$\$ d! 8; 俱乐部) /! 8; b} \$取) /! 4; l =

7b8@48{ J 6; • i &\$%) /! 8@48{ J 2取 22; l \$其O\$; • \$
• ; AZ \$ 须参 QO8@3<\$2至 取 2xQO8@; l , . i %j \$%s) 56

课程类型	学分		学分占总学分比例(%)	
	课堂教学	实践教学	课堂教学	实践教学
p4{ D OJ b	40.0	6.0	25.0	3.8
4{ DmOJ b	18.0	0.0	11.3	0
Y4\$%: , J b	15.0	7.0	9.4	4.4
4\$% OJ b	17.0	10.0	10.6	6.3
4\$mOJ b	17.0	8.0	10.6	5.0
48@48{ J	0.0	22.0	0	13.8
C	107	53	66.9	33.1
| C	160		100	

序号	书名	著者 / 译者	出版社	出版年	语种
1	f g l 4BC 第9'	Kenneth E.Kendall / 9L 5	l " a %3' Q	2014	OO
2	g l 4BC(第3' ')(O1')	Grady Booch/	! G; 3' Q	2016	OO
3	k: (第4')	Robert Sedgewick/: 路%	(#] 3' Q	2012	OO
4	Ck l ' ; 概 (第12')	[]J.* Y· 278 3· 5r / tL	(#] 3' Q	2017	OO
5	@d# Ck l f g(第3')	Randal E.Bryant / G	l " a %3' Q	2016	OO
6	noBC 8b(第5')	L! 4 _	! G; 3' Q	2018	OO
7	Web BC4]	Cr 4	! G; 3' Q	2011	OO
8	~N操 f g(M第4')	William Stallings /@ M	l " a %3' Q	2017	OO
9	Ck l PQ:s" 5, : (M第6')	James F.Kurose/@1	! G; 3' Q	2014	OO
10	noBCUe 4Kf &N	'	} ~893' Q	2013	OO
11	. o, } b(第3')	Suzanne Robertson /	(#] 3' Q	2014	OO
12	The Art of Computer Programming	Donald E. Knuth	(#] 3' Q	2010	RO
13	noab:8@者! 究, : (RO')(第8')	Roger S.Pressman	l " a %3' Q	2015	RO
14	H<>f g概 (第6')(- ')	Abraham Silberschatz	l " a %3' Q	2014	RO

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester
				总学时 Total Hours	实践实验学时 Experimental Hours	
{ D O J b General Education Compulsory Course	TB3707	T U O+ 4: < : , Ideological and Moral Cultivation and Fundamentals of Law	3	36		1
	TB3708	OPK ~ N史- + Survey of Modern Chinese History	3	54	9	2
	TB3703	. . T R S : & # 概 Basic Theory of Marxism	3	54	9	3
	TB3709	毛泽东T U J O P Y Z O O R S # K f 概 General Introduction to Mao Zedong Thought and Socialist Theory with Chinese Characteristics	5	90	18	4
	TB4601 TB4602	G; R S X 1-2\ College English -	8	144		1-2
	TB5902 TB5903 TB5904 TB5905	G; K 9 X 1-4\ Physical Education -	4	144		1-4
	TB4906 TB4907	} ~ H; X 1-2\ Higher Mathematics -	9	162		1-2
	TB4915	/ NH Linear Algebra	3	54		3
	TB4914	概= 4H# g C Probability and Mathematics Statistics	3	54		4
	TB4301	G; S O College Chinese	3	54		5
	TB4307	i j 写 Applied Writing	1	18		6
	TB9998	% 7 8 Career Guidance	1	18		7
		Subtotal	46	882	36	
	{ DmO J b General Education Optional Course		(O 4 Q O m	≥2	≥36		2-7
		L M 4 欣 m	≥2	≥36		
		s 4' m m	≥2	≥36		
		A 4 沟{ m	≥2	≥36		
		e N 4 e % m	≥2	≥36		
		Subtotal	18	324		
ZJ5201		高级语言程序设计 Advanced Language Programming	4	72	24	1
ZJ5212		b 5 B C : , Basis of Programming	2	36	12	2
ZJ5209		O 1 2 3 4 A 用 Discrete Structure and Applications	3	54	18	2
ZJ5202		数k 2 3 Data Structure	4	72	24	2
ZJ5208		计算Og m Computer Network	3	54	18	3
ZJ5211		数 k 6 原理 4 A 用 Principles and Applications of Database	3	54	18	3
ZJ5206	5 作&' Operating System	3	54	18	4	
	Subtotal	22	396	132		

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester	
				总学时 Total Hours	实践实验学时 Experimental Hours		
8@48 { J b Practice and Experiment	; • gp)/ College Required	SY9990	4 政策 Current Affairs and Policy	2	√		1-8
		SY9995	# 4 Military Theory and Training	2	√		1
		SY9992	OZ 8 Mid-term Training	2	2 周		6
		SY9989	∠ % 8A Graduation Practice	2	√		8
		SY9999	∠ % O X B C \ Graduation Thesis (Project)	6	√		7-8
		SY9994	QO8@ Social Practice	2	√		1-7
	\$ % s) 5 6 School Required	SY5205	b 5 B C J b B C Course Project of Programming	1	18	18	2
		SY5512	H < & N J b B C Course Project of Data Structure	2	36	36	3
		SY5206	g J b B C Course Project of Object-oriented Programming	1	18	18	4
		SY5208	H < > i j J b B C Course Project of Database Application	1	18	18	5
	e Ne % 8 { Innovation and Entrepreneurship Experiment	SY9701	& %' (H) X * \ Enterprise sandbox deduction	1	22	22	1
	Subtotal			22			
	Total			160			

g ~ 6

1. “√”] 该 m J b X 8; D \ ^ Z 周; M +, \$; • 按照; l +, \$ i; Z =
2. 8@m J b J 8 { m O! \$ % 8 { J J e Ne % 8 { J ; • gp) / \$ 其余 6 \$ % s) 5 6

课程类别	课程名称	学分	学时		开课学期与周学时								
			总学时	实践实验学时	1	2	3	4	5	6	7	8	
{ D O J b	TU O+ 4: <: ,	3	36		2								
	OPK ~N史- +	3	54	9		3							
	TRS: & # 概	3	54	9			3						
	毛泽东TUJ OPYZ QOR S# Kf 概	5	90	18				5					
	G; RSX1-2\	8	144		4	4							
	G; K9X1-4\	4	144		2	2	2	2					
	} ~H; X1-2\	9	162		4	5							
	/NH	3	54				3						
	概= 4H#gC	3	54					3					
	G; SO	3	54						3				
	i j 写	1	18							1			
	%78	1	18									1	
		46	882	36	12	14	8	10	3	1	1		
{ D mO J b	(O4QOm	≥2	≥36										
	LM4欣 m	≥2	≥36										
	s 4' mm	≥2	≥36										
	A4沟{ m	≥2	≥36										
	eN4e%m	≥2	≥36										
		≥18	≥324										

课程类别	课程名称	学分	学时		开课学期与周学时								
			总学时	实践实验学时	1	2	3	4	5	6	7	8	
	CKI w ;	2	36	12				2					
	IT \$%RS	2	36					2					



A

专业 学院	专业 名称	课程类别	课程 代码	课程名称	学 分	学 时	开课 学期
_ ` 4 { _a b;	no ab	\$_mOJ bXA m\	ZX5209	JavaEE i j] mM	3	54/18	\$
		\$_mOJ bXA m\	ZX5211	操 f g	3	54/18	\$
		\$_mOJ bXA m\	ZX5222	} * S? b5BC	3	54/18	\$
		\$_mOJ bXA m\	ZX5272	g b5BC	2	36/12	\$
		\$_mOJ bXA m\	ZX5275	noab8	2	36/12	\$
		\$_mOJ bXA m\	ZX5278	H<&N	2	36/12	—
		\$_mOJ bXA m\	ZX5280	H<> #hi j	2	36/12	—

&\$%* + 4 4K4 fg] 1\$. . z! ' ; 4(OE+\$. ZpqPJ %.
域. 8! # : , J\$%CD\$fg . pqPOpp. q4_` ?C . ! : , # J%N
mM\$u . pqP. 域# 究4abBC4i j] 4fg z 4mM] B4O7" #
~a ! i j 4 | abmM() =

&\$%= * +“ZmM4 " #4 27! i j ()”>: &+, \$; • i r 树立“eN4
e%4e ”! %#U=+, ; • \$• Z b . . pqP, g! : &# J: &CD\$接
pqPab] 4i j 4" #! mu \$. ZBCJ] [mpqPab! : &uv=
< %• i =5 , g! CDJ uv 6

1br 树立. P4. %4@_4 ! 值 \$. AB治; 4. &F ! Gi \$. Z
OO>7?4: <cDh. z! % =

2b. Z ! . 4} ! . G] J. z! . ; E+\$. Zp/! ? . 4 ~
. 4a . 4e . ! uv =

3b. Zp/! K9J : &CD\$ q . 1-2 e! K9 mu\$+ . z
! K9 A J ! • 3, e\$ +! \$A PX) /! G; • Ki J
| *(n\$. Z f! z#J ! K \$u) OB. PJ . P! I SW=

4b. Z q! cSi j uv\$u &\$%! cO \$. Zp/! P >aJ Oa
W4 4| uv =

5b. &\$%a o! s ' ; CD\$=hp/! 23; 4" #; hab' ; CD=

6b. . pqP' ; 4mM! : &T , : J 究, : \$. . pqPabno] J V W
! : &# J , : \$. Z. z! ' ; E+Jp/! abcD\$2 . • | Oj . ! CD4
, : JmM . 8 ! uv =

7. ? pqPabmM!] 1, 4<恣\$取 p/! ' 2{ J QO8@2" =

&\$%yzJ bZ 6} * S?b5BC4H<&N4HI] ^mM4操 fg4CkI P
Q4{ _4\$ I . #4i j 4cdemM4RFID. #hi j 4pqP{ _mM4pqPa

bBC489=

: &O%_限> ; _\$每; _l - 45两x; Z=f b 8; . C 165 周6每; Z 按 20
周) ^J b 8; X含 z \ 周HX第 8; Z 按 19 周56\\$. C 159 周j V<\$%8; o+\$
2; • 批n\$. \$两x; Z之 B ; Z\$56J b; A4\$%8 4QO8@~ 8; 3<\$
. 约6周=

; • \$) /! O%_限b 160; l \$其O{ D OJ 46; l \${ DmOJ 18; l \$
\$%: , J 22; l \$\$% OJ 25; l \$\$%mOJ 23; l \$8@48{ J b 26; l =
{ l /L. 则-i A * ~ =; • i %Ki z - i A 50l \$Yn* +. ; Z%O
o) / o z =; • i %M\${ } i %t * c, n i %=
i %Mp | ;] 授o! o! \$授oa; ; q;] =

1b&\$% i %t * +, 160; l \$其O{ D OJ 46; l \${ DmOJ 18;
l \$\$%: , J 22; l \$\$% OJ 25; l \$\$%mOJ 23; l \$8@48{ J b 26; l =
2b{ DmOJ 包括(O4QO4LM4欣 4s 4' m4 A4沟{ 4eN4e%~
5xU \$\$ 2-7; Z B\$| Ci O 18; l \$且\$每xU OO 至 2; l =其O\$VG
; • e%: , `XTX2243\$2; l \>; • ; % 须O J b\$且须\$ 3; Z \$2
取) /; l =

3b\$%mOJ \$ 2-7; Z B\$; • \$; •) /! [\$%%mOJ U b mO\$| C
i O 23; l \$&\$%; • O 其他\$%A m\$%mOJ 超} 15; l \$其余; l 须
O &\$%B m\$%mOJ =

4. &\$%>Zr &KO! ; • h A m\$%mOJ \$A m\$%mOJ d EY=KO&
\$%! ; • \$&\$%A m\$%mOJ O CO 15; l \$2; • &(\$KO\$% B;
dc\$8Wy / . &\$%KO\$%LM=

5bG; RS\$ 1-2; Z B OJ \$; • i O 8; l j 3-7; Z ; • V<o+sRm
ORSJ bJ ' =

6bG; K9采取mJ e89俱乐部8; =; • V<&(K9\$YJ 趣. zmnO
K9 ' \$\$ d! 8; 俱乐部) /! 8; b} \$取) /! 4; l j

7b; • i &\$%) /! 8@h8{ J 2取 26; l =其O\$; • gp) /! i %8
A4 i %BC~8@D \$. C 17; l j ; • \$• ; AZ \$ 须参 QO8@3<\$2至
取 2xQO8@; l =

8. \$%s) 56! 8@h8{ J b\$ 2-6; Z B\$; • 须O 该U O! ZJ b\$
| Ci O 9; l =

序号	书名	著(译)者	出版社	出版年	语种
1	] 路4] ^;	OP O	] ^ a %3' Q	2014	OO
2	GH<MN6• 34a 4T ! G \\	Viktor Mayer-Schonberge r	U(# 3' Q	2013	OO
3	%Ck 4l efg6 2) y# pqP	Q	l " a %3' Q	2013	OO
4	pqPab 概	r	l " a %3' Q	2011	OO
5	CkI PQ (第7' )	:	] ^ a %3' Q	2016	OO
6	CkI PQ	R	! G; 3' Q	2017	OO
7	: &Cortex-M3J IPv6! pqPmM] 4i j	OS	! G; 3' Q	2017	OO
8	pqPab] 4i j 8		' ; 3' Q	2016	OO
9	5l \$ I CS? b5BC2G8 (第2')	T	] ^ a %3' Q	2016	OO
10	HI] ^ mMX第E' \	Thomas L. Floyd	] ^ a %3' Q	2016	OO
11	STM32 >] 8[7;	t U. // •	l " a %3'	2017	OO
12	RFID and the Internet of Things	Harve Chabanne	Wiley Press	2011	RO
13	C b5BCS? X第3' \ The C Programming LanguageX3th Edition\	VW XY	} ~ 893' Q	2015	OO
14	Wireless Sensor Networks: Principles and Practice	Fei Hu and Xiaojun Cao	CRC Press	2012	RO
15	The Internet of Things	Daniel D. Giusto	Springer Press	2010	RO

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester	
				总学时 Total Hours	实践实验学时 Experimental Hours		
{ D O J b General Education Compulsory Course	TB3707	TU O+ 4: <: , Ideological and Moral Cultivation and Fundamentals of Law	3	36		1	
	TB3708	OPK ~ N史- + Survey of Modern Chinese History	3	54	9	2	
	TB3703	. . TRS: & . # 概 Basic Theory of Marxism	3	54	9	3	
	TB3709	毛泽东T UJ O P Y Z O O R S # K f 概 General Introduction to Mao Zedong Thought and Socialist Theory with Chinese Characteristics	5	90	18	4	
	TB4601-TB4602	G; RS X 1-2\ College English -	8	144		1-2	
	TB5902 TB5903 TB5904 TB5905	G; K 9 X 1-4\ Physical Education -	4	144		1-4	
	TB4906-TB4907	} ~ H; X 1-2\ Higher Mathematics -	9	162		1-2	
	TB4915	/ NH Linear Algebra	3	54		3	
	TB4914	概 = 4 H # g C Probability and Mathematics Statistics	3	54		4	
	TB4307	i j 写 Applied Writing	1	18		5	
	TB4301	G; S O College Chinese	3	54		6	
	TB9998	% 7 8 Career Guidance	1	18		7	
	Subtotal			46	882	36	
	{ DmO J b General Education Optional Course	(O4 QOm		≥2	≥36		2-7
L M4欣 m		≥2	≥36				
s 4' mm		≥2	≥36				
A 4沟{ m		≥2	≥36				
e N4e %m		≥2	≥36				
Subtotal			≥18	≥324			
\$%: , J b Major Basic Course	ZJ5513	] 路4] ^ mM Circuit and Electronic Technology	3	54	12	1
	ZJ5201	高级语言程序设计 High-level Language Programming	4	72	24	1	
	ZJ5507	p q P a b 8 Introduction to Internet of Things Engineering	2	36	6	1	
	ZJ5210	数k 2 3 Data Structure	3	54	18	2	
	ZJ5502	数字), { B Digital Electronics	4	72	16	2	
	ZJ5206	5作&' Operating System	3	54	18	3	
	ZJ5510	{ p # General Physics	3	54	12	4	
	Subtotal			22	396	106	
\$% O J b Major Compulsory Course	ZB5230	C k l 1 4 & N Computer Organization & Architecture	3	54	18	3	
	ZB5506	单片O原理与A用 Single-Chip Microcomputer Principle and its Application	3	54	18	3	

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester
				总学时 Total Hours	实验学时 Experimental Hours	
	ZB5518	@? (. # h i j Principle and Application of Sensor	2	36	18	4
	ZB5524	RFID 原理4A用 RFID Principle and Application	2	36	10	4
	ZB5508	计算 O g m 与通 \$ Computer Networks and Communications	3	54	12	5
	ZB5510	- . # { B Embedded Technology	3	54	18	5
	ZB5531	@ A g 通 \$ { B Communication Technology of Internet of Things	2	36	18	5
	ZB5519	3 @? (P Q Wireless Sensor Networks	2	36	18	5
	ZB5532	_ } 4 f g Signals and Systems	3	54	8	6
	ZB5520	@ A g 工程设计与实 B Design and Implementation of Internet of Things Engineering	2	36	8	6

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester	
				总学时 Total Hours	实践实验学时 Experimental Hours		
	ZX5537	c d e Linux b Embedded Linux Programming	2	36	18	6	
	ZX5543	HI _} y # Digital Signal Processing	2	36		6	
	ZX5515	{ _ . # Communication Theory	3	54	8	6	
	ZX5502	EDA mM EDA Technology	3	54	28	6	
	ZX5271	路 4 Z mM Routing and Switching Technology	2	36	12	7	
	ZX5551	p q P 1 P m M 4 i j X & % \ Technology and Application of the Internet of Things	2	36	12	7	
	Subtotal			23	414		
Subtotal			134	2466			
8@48 { J b Practice and Experiment	8@m Practice	SY9990	4 政策 Current Affairs and Policy	2		√	1-8
		SY9995	# 4 Military Theory and Training	2		√	1
		SY9992	O Z 8 Medium-term training	2		√	6
		SY9989	∠ % 8 A Graduation Practice	2		√	8
		SY9999	∠ % O X B C \ Graduation Thesis (Project)	6		√	7-8
		SY9994	Q O 8 @ Social Practice	2		√	1-7
	\$ % 8 { Specialized Experiment	SY5501	\$ % . C 4 m u Professional Knowledge and Skills Training	2	36	36	2
		SY5506	] ^ mM : , • | B C Integrated Design of Electronic Technology Base	1	18	18	3
		SY5507	p q P ? C 4 / b • | B C Integrated Design of Internet of Things Perception and Control	2	36	36	4
		SY5505	c d e f g • | B C Embedded Software Design	2	36	36	4
		SY5509	p q P i j • | B C Integrated Design of Internet of Things Engineering	2	36	36	6
	e Ne % 8 { Innovation and Entrepreneurship Experiment	SY9701	& % ' (H) X * \ Enterprise sandbox deduction	1	22	22	1
	Subtotal			26			
	Total			160			

1. “√”] 该mJ b X 8; D \ ^ Z 周; M+, \$; • 按照; l +, \$ i; Z =

2. 8@mJ b J 8 { mO! \$ % 8 { J J e Ne % 8 { J ; • gp) / \$ 其余6 \$ % s) 56 =

课程类别	课程名称	学分	学时		开课学期与周学时								
			总学时	实践实验学时	1	2	3	4	5	6	7	8	
{ D O J b	TU O+4: <: ,	3	36		2								
	OPK~N史- +	3	54	9		3							
	TRS: & # 概	3	54	9			3						
	毛泽东TUJ OPYZ QORS # Kf 概	5	90	18				5					
	G; RS	8	144		4	4							
	G; K9	4	144		2	2	2	2					
	}~H;	9	162		4	5							
	/NH	3	54				3						
	概= 4H#gC	3	54					3					
	i j 写	1	18						1				
	G; SO	3	54							3			
	%78	1	18									1	
		46	882	36	1 2	1 4	8	1 0	1	3	1		
{ D mO J b	(O4QOm	≥2	≥36										
	LM4欣 m	≥2	≥36										
	s 4' mm	≥2	≥36										
	A4沟{ m	≥2	≥36										
	eN4e%m	≥2	≥36										
	≥1 8	≥324											
\$% : J b	]路4] ^mM	3	54	12	3								
	高级语言程序设计	4	72	24	4								
	pqPab8	2	36	6	2								
	数k 23	3	54	18		3							
	数字), { B	4	72	16		4							
	5作&'	3	54	18			3						
	{ p#	3	54	12				3					
	22	396	106	9	7	3	3						
\$% O J b	Ckl 1 4&N	3	54	18			3						
	单片O原理与A用	3	54	18			3						
	@?(. #hi j	2	36	18				2					
	RFID 原理4A用	2	36	10				2					
	计算Ogm与通\$	3	54	12					3				
	- . #{ B	3	54	18					3				
	@Ag通\${ B	2	36	18					2				
	3 @?(PQ	2	36	18					2				
	_} 4fg	3	54	8						3			
	@Ag工程设计与实B	2	36	8						2			
	25	450	146			6	4	1 0	5				

课程类别	课程名称	学分	学时		开课学期与周学时									
			总学时	实践实验学时	1	2	3	4	5	6	7	8		
\$%mO J b	cdeb5BC	3	54	16		3								
	: , no• | BC	2	36	26		2								
	Java b5BC	2	36	12			2							
	H<>4_`fg	2	36	16			2							
	cde8M操 fg	2	36	10			2							
	Android i j 4]	3	54	26				3						
	Web i j 4]	3	54	18				3						
	Windows b5BC	3	54	18				3						
	Ckl K助] 路BCX&%\	2	36	18				2						
	pqPi j no• | BC	2	36	26					2					
	C#b5BC	2	36	12					2					
	Java EE i j] mM	3	54	18					3					
	pqP/b #4mM	3	54	18					3					
	GH<4(a u	3	54	18						2				
	ASP.NET PQb5BC	3	54	18						3				
	no zmM	2	36	12						2				
	cde Linux b	2	36	18						2				
	HI _} y#	2	36							2				
	{ _ #	3	54	8						3				
	EDAmM	3	54	28						3				
	pqPab\$%] 1	1	18										1	
	IT \$%RS	2	36										2	
	. qPxyHI Jxya	2	36										2	
pqP_`5f	2	36	10									2		
路 4 ZmM	2	36	12									2		
pqP1PmM4i j X&%\	2	36	12									2		
		23	414											
8@48 { J b		2				√	√	√	√	√	√	√	√	
		2				√								
		2									√			
		2										√	√	
		6										√	√	
		2					√	√	√	√	√	√	√	
			2	36	36		2							
		] ^mM: , • | BC	1	18	18			2						
		pqP?C4/b• | B C	2	36	36				2					
		cdefg• | BC	2	36	36				2					
		pqPi j • BC	2	36	36						2			
	eNe %8{	1	22			√								
		26												
		160												

1. “√”] 该mJ bX8; D \ ^Z周; M+, \$; • 按照; l +, \$ i; Z =
2. 8@mJ bJ 8{ mO! \$%8{ J J eNe%8{ J ; • gp) / \$其余6 \$%s) 56=

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专业 学院	专业 名称	课程类别	课程 代码	课程名称	学 分	学 时	开课 学期
_、4 {_a b;	pqP ab	\$_mOJ bXA m\	ZX5539	cdemM	2	36	—
		\$_mOJ bXA m\	ZX5566	PQab概	2	36/12	—
		\$_mOJ bXA m\	ZX5293	pqP8	2	36	—
		\$_mOJ bXA m\	ZX5509	{ p#	3	54	—
		\$_mOJ bXA m\	ZX5533	: , b5BC	2	36	\$
		\$_mOJ bXA m\	ZX5519	_} 4fg	3	54/10	\$
		\$_mOJ bXA m\	ZX5548	pqP{ _mM	2	36	\$
		\$_mOJ bXA m\	ZX5568	abbw: ,	2	36/18	\$

&\$%* + K. fg] 1\$. Z. z(O4' ; E+\$be234" #~ %: ,
CD\$fgi . . <=4! J v~8mM~HI OaLM G! BC4b JmMe
N\$. Z. r! 8@< uv\$u <=4! J v~8mM~HI OaLM G!
BC4b 4mM] B4•F" #JmM]eN~a !ij 4 | abmM() =

&\$%= * + “ ” #! _` mM() ”>: &+, \$; • i r 树立“eN4e%4e
”! %#U=+, ; • b . . HI JKmM, g! : &# J: &CD\$接 HI
JKmM] 4i j 4" #! mu \$. ZBCJ] <=JCKI! ~HI OaLM
G! : &uv =

; • / %Mi =5, g! CDJuv6

1br 树立 P4. %4@_4 ! 值 = . AB治; 4. 8F ! Gi \$. Z
OO>7?4: <cDh. z! % =

2bfg . . HI JKmM\$%! : &# 4: , CD4: &mu\$? -&\$h %.
域! J] 1<态=

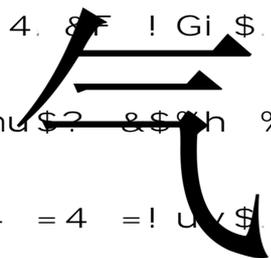
3b . . <=BC! : &# \$ ZuOj %nob <=4 =4 =! uv/\$
e <=4Y <=! uv =

4b . . HI JKFG] ' ! 策^4" #! %# 4, : \$? %! : <:) J
) %) 则\$. 124/b4" #4H^ ' ! uv =

5bb . . p cS\$u &\$%! cOt = . . O 4t ca! : &,
: \$. Z 取CD! uv =

6b. Zp/! K9J : &CD\$ q . 1-2 e! K9 mu\$+ .
z! K9 A J ! • 3, e\$ +! \$A PX) /! G; • Ki
J | *(n\$. Z f! z#J !K \$u)OB PJ . P! I
SW=

7b. Z ! . 4} ! . G] J. z! . ; E+\$. Zp/! ? . 4 ~
. 4a . 4e . ! uv =



&\$%yz J b Z 6} * S? b 5BC4离k &Nhi j 4H<&N4CkI 1
4CkI PQ4HI J KmM4H<>. #hi j 4 v~8mM4操 fg4CkI w
; =

X•f b { &' ; • 8) ; I b" # \$: &O%_限> ; _ \$每; _I - 45两x
; Z=f b 8; . C 165周=: &: &O%_限! ; _) ^>6每; Z按 20周) ^J b 8;
X含 z \周HX第8; Z 19周\C 159周j 其O # 4 X含d; 89\3周\$
OZ 8 2周\$ %8A 8周\$ % OXBC\8周\$离• 893周j V<\$%8; o+\$
2; •批n\$ \$两x; Z之 B ; Z\$56J b; A4\$%8 4QO8@~8; 3<\$
约6周=第4; Z • Z 56OZ 8 \$采取a; &| ! , e\$. 4周=

; • \$) /! O%_限b 须 160; I \$其O{ D OJ 46; I \${ DmOJ 18
; I \$\$%: , J 24; I \$\$% OJ 28; I \$\$%mOJ 23; I \$8@48{ J b 21
; I = { I /L. 则- i A * ~ =; • %Ki z - i A 50I \$Yn* +.
; Z%Oo) / o z =; • %M\${ } %t * c, n % =
%Mp | ;] 授o! o! \$授oa; ; q;] =

1b&\$% %t * +, 160; I \$其O{ D OJ 46; I \${ DmOJ 18; I \$
\$%: , J 24; I \$\$% OJ 28; I \$\$%mOJ 23; I \$8@48{ J b 21; I =

2b{ DmOJ b包括(O4QO4LM4欣 4s 4' m4 A4沟{ 4eN4e%~ 5
xU ={ DmOJ \$ 2-7; Z B\$; • 须 { DmOJ b 18; I \$且\$每xU OO
至 2x; I \$其O\$WG; • e%: , `XTX2243\$2; I \>; • ; % 须O J b \$且
须\$ 3; Z \$2取) /; I =

3b\$%mOJ \$ 2-7; Z B\$; • \$; •) /! \$%mOJ U b mO\$ | Ci O 23
; I =

4b&\$%>Zr &KO! ; • h AmmOJ J BmmOJ \$AmmOJ d EY\$B
mmOJ >&\$%! \$%mOJ \$d Ep=KO&\$%! ; • i | 3mO A mmOJ \$\$
&\$%A4B mmOJ O CO 15; I \$2; • &(\$KO\$% B f dc\$
8Wy / &\$%KO\$%LM=

5bG; RS\$ 1-2; Z B OJ \$; • i O 8; I j 3-7; Z ; • V<o+sRm
ORSJ bJ ' =

6bG; K9采取mJ e89俱乐部8; =; • V<&(K9\$YJ 趣. zmnO

K9 ' \$\$ d! 8; 俱乐部) /! 8; b} \$取) /! 4; l =

7b8@48{ J 6; • i &\$%) /! 8@48{ J 2取 21; l \$其O\$; • \$

• ; AZ \$ 须参 QO8@3<\$2至 取 2xQO8@; l , . %j &\$%s) 5

6! 8{ J b| b5BCJ bBC4HI J bBC4H<>i j J bBC4HI f g• |

J bBC\$I 别\$ 2-6; Z B=

8b第 4; Z \$5D 56“a; 替”8@8; D \$包括OZBCX2; l \ J HI f

g• | J bBCX1; l \ 两x部l \$ C3; l =. K采取; • J b; A4\$%8A: i 8

A &| “E; EI ”! 8; 12, e\$ HI f g• | J bBC8@m\$%J b; A4\$%m

M8 4&% ' 8@J.] 8Adqo) \$; • J &% db/ 8; G- 48A, - \$2

. d1289=

9b第 8; Z \$; • 须 %BCJ %8A\$两者. =&| o) \$ \$%8 J &

%8 q| 78\$ %8A7W * + &%F > y =

10. V<; • 第 J ; • Y助vab89\ : ! %) / \$; • 第 J ; l *

+z d; • % { - =

; _; Z	第p; _		第 ; _		第Y; _		第 ; _		; Z	| C
	第1 ; Z	第2 ; Z	第3 ; Z	第4 ; Z	第5 ; Z	第6 ; Z	第7 ; Z	第8 ; Z	第2-7; Z	
周H	20	20	20	20	20	20	20	19	约6周	165

学期/周次	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
p				—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Y	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
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p} p} g~6

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课程类型	学分		学分占总学分比例 (%)	
	课堂教学	实践教学	课堂教学	实践教学
p 4{ D OJ b	40	6.0	25	3.75
4{ DmOJ b	18.0	0.0	11.25	0.0
Y 4 \$ %: , J b	16.0	8.0	10.0	5.0
4 \$ % OJ b	19.0	9.0	11.875	5.625
4 \$ %mOJ b	15.0	8.0	9.375	5.006 Tc (9) Tj0.5(4) Tj/F6+1 956c

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester
				总学时 Total Hours	实践学时 Experimental Hours	
{ D O J b General Education Course	TB3707	T U O+ 4: <: , Ideological and Moral Cultivation and Fundamentals of Law	3	36		1
	TB3708	OPK ~ N史- + Survey of Modern Chinese History	3	54	9	2
	TB3703	. . . T RS: & . # 概 Basic Theory of Marxism	3	54	9	3
	TB3709	毛泽东T U J O P Y Z Q O R S # K f 概 General Introduction to Mao Zedong Thought and Socialist Theory with Chinese Characteristics	5	90	18	4
	TB4301	G; S O College Chinese	3	54		1
	TB4307	i j 写 Applied Writing	1	18		2
	TB4601 TB4602	G; R S X 1-2 \ College English -	8	144	72	1-2
	TB5902 TB5903 TB5904 TB5905	G; K 9 X 1-4 \ Physical Education -	4	144		1-4
	TB4906	} ~ H; X 1-2 \ Higher Mathematics -	9	162		1-2
	TB4915	/ N H Linear Algebra	3	54		3
	TB4914	概 = 4 H # g C Probability and Mathematics Statistics	3	54		4
	TB9998	% 7 8 Career Guidance	1	18		7
	Subtotal	46	882	108		
	{ D m O J b General Education Optional Course	(O 4 Q O m		≥2	≥36		2-7
L M 4 欣 m		≥2	≥36			
s 4' m m		≥2	≥36			
A 4 沟{ m		≥2	≥36			
e N 4 e % m		≥2	≥36			
Subtotal		≥18	≥324			
\$ % : , J b Major Basic Course	ZJ5213	C k l 8 Introduction to Computer Science	2	36	12	1
	ZJ5201	高级语言程序设计 Advanced Language Programming	4	72	24	1
	ZJ5212	b 5 B C: , Basis of Programming	2	36	12	2
	ZJ5209	O 1 2 3 4 A 用 Discrete Structure and Applications	3	54	18	2
	ZJ5202	数 k 2 3 Data Structure	4	72	24	2
	ZJ5208	计算 O g m Computer Network	3	54	18	3
	ZJ5206	5 作 & ' Operating System	3	54	18	3
	ZJ5211	数 k 6 原理 4 A 用 Principles and Applications of Database	3	54	18	3
	\$ %: , J b C Subtotal		24	432	144	

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester
				总学时 Total Hours	实践实验学时 Experimental Hours	
\$% O J b Major Compulsory Course	ZB5238	HI Digital Logic	3	54	18	2
	ZB5232	g b 5 B C Object-Oriented Programming	3	54	18	3
	ZB5522	P J K m M Multimedia Technology	3	54	18	4
	ZB5203	计算O: 成原理 Principles of Computer Organization	4	72	18	4
	ZB5523	计算O/形学 Computer Graphics	3	54	18	4
	ZB5233	n o a b 8 Introduction to Software Engineering	3	54	18	5
	ZB5216	Linux f g l Linux System Analysis	3	54	18	5
	ZB5239	数字* " { B Digital Media Technology	3	54	18	6
	ZB5249	C + D实{ B Virtual Reality Technology	3	54	18	6
	Subtotal			28	504	144
Major Optional Course	ZX5292	Web Design and Web Site Development	2	36	12	2
	ZX5565	Fundamentals of Computer Hardware Programming	3	54	18	2
	ZX5208	FPGA FPGA and Hardware Description Language	3	54	18	3
	ZX5283	Algorithm Design and Analysis	2	36	12	3
	ZX5246	Java Java Programming	2	36	12	3
	ZX5577	Big Data and Artificial Intelligence	3	54	18	4
	ZX5558	Computer animation	3	54	18	4
	ZX5239	C# C# Programming	2	36	12	4
	ZX5279	Design and Development of Database Application System	2	36	12	4
	ZX5564	Basic Practice of Program Application	3	54	54	5
	ZX5210	Windows Windows Programming	3	54	18	5
	ZX5559	Computer games programming	2	36	12	5
	ZX5209	Java EE Application and Development of Java EE Technology	3	54	18	5
	ZX5274	Software Testing Technology	2	36	12	5
	ZX5250	UML UML Modeling Technology	2	36	12	5
	ZX5251	Unity 3D Unity 3D Applications	2	36	12	6
	ZX5562	Streaming media technology	2	36	12	6
	ZX5291	Network Game Development	2	36	12	6
	ZX5297	Mobile Platform Application Software Development	2	36	12	6
	ZX5252	Web Web Application and Development	2	36	12	6
	ZX5245	IT IT Professional English	2	36		7
	ZX5561	Digital media ppreciation	2	36	12	7
ZX4301	Introduction of advertising	3	54		7	

课程类别 Type of Course	课程代码 Course Code	课程名称 Name of Course	学分 Credit	学时 Hours		开课学期 Semester	
				总学时 Total Hours	实践实验学时 Experimental Hours		
	ZX5563	Digital media technology	1	18		7	
	ZX5576	Internet Financial Market and Financial Tools	2	36		7	
		Subtotal	23	414			
Subtotal			139	2502			
8@48 { J b Practice and Experiment	8@m Practice	SY9990	4 政策 Current Affairs and Policy	2		√	1-8
		SY9995	# 4 Military Theory and Training	2		√	1
		SY9992	OZ 8 Medium-term training	2		√	6
		SY9989	%8A Graduation Practice	2		√	8
		SY9999	% OXBC \ Graduation Thesis (Project)	6		√	7-8
		SY9994	QO8@ Social Practice	2		√	1-7
	%8{ Specialize d Experime nt	SY5205	b 5 B C J b B C Course Project of Programming	1		18	2
		SY5209	HI J b B C Course Project of Digital Logic	1		18	3
		SY5208	H<> i j J b B C Course Project of Database Application	1		18	4
		SY5511	HI J K m M • | J b B C Digital media technology integrated curriculum design	1		18	6
	e Ne % 8{ Innovation and Entrepreneurship Experiment	SY9701	&% ' (H) X * \Enterprise sandbox deduction	1	22	22	1
	Subtotal			21			
	Total			160			

1. “√”] 该mJ b X 8; D \ ^ Z 周; M+, \$; • 按照; l +, \$ i; Z =

2. 8@mJ b J 8{ mO! \$%8{ J J e Ne%8{ J ; • gp) / \$其余6 \$%s) 56=

课程类别	课程名称	学分	学时		开课学期与周学时								
			总学时	实践实验学时	1	2	3	4	5	6	7	8	
	TU O+4: <: ,	3	36		2								
	OPK~N史- +	3	54	9		3							
	. TRS: & # 概	3	54	9			3						
	毛泽东TUJ OPYZ Q ORS# Kf 概	5	90	18				5					
	G; SO	3	54		3								

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通

课程类别	课程名称	学分	学时		开课学期与周学时							
			总学时	实践实验学时	1	2	3	4	5	6	7	8

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专业 学院	专业 名称	课程类别	课程 代码	课程名称	学 分	学 时	开课 学期
工 学 院	工 学 院	公共基础课	ZX5211	大学英语	3	54/18	1
		公共基础课	ZX5222	计算机组成原理	3	54/18	1
		公共基础课	ZX5221	计算机组成原理	3	54/18	—
		公共基础课	ZX5266	计算机组成原理	2	36/12	—
		公共基础课	ZX5254	计算机组成原理	2	36/12	—
		公共基础课	ZX5265	计算机组成原理	2	36/12	1
		公共基础课	ZX5267	计算机组成原理	2	36/12	1
		公共基础课	ZX5269	计算机组成原理	2	36/12	1
		公共基础课	ZX5270	计算机组成原理	2	36/12	1
		公共基础课	ZX5272	计算机组成原理	2	36/12	1
		公共基础课	ZX5275	计算机组成原理	2	36/12	1
		公共基础课	ZX5278	计算机组成原理	2	36/12	—
		公共基础课	ZX5280	计算机组成原理	2	36/12	—