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( Electronic Information Engineering 080701)

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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	] ^ _ ` mM8	? 治	! G; 3' Q	2013	OO
2	_ ` h 取4I j	) *	! G; 3' Q	2009	OO
3	超+Ma ——{ } L) <, 4MM- . J 第Ej S! ' ; 之	' 1 ]	- ' ' m893 ' Q	2009	OO
4	/ b ——概 4, : 4i j	A	! G; 3' Q	2009	OO
5	GI { _ ——{ _: , CDs &	Q\$ 周g =	( # ] 3' Q	2009	OO
6	Uv j ^ mM: , X第4' \	# C\$! R	} ~ 893' Q	2010	OO
7	HI j ^ mM: , X第5' \	Oi	} ~ 893' Q	2010	OO
8	Principles of Testing Electronic Systems ] ^ f g • z #	Samiha M. Yervant Z. B1 \$8 ~ U	l " a %3' Q	2007	OO
9	Computer Networking: A Top-Down Approach (4th Edition) CKI PQ6s " E5, : (第4' )	Addison Wesley @1 U	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 < { _ 4 PQX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

> ? S T U V E h \$ U G i

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	TU O+ 4: <: , Ideological and Moral Cultivation of Fundamentals of Law	3	54		1
	TB3703	TRS: & # Basic Theory of Marxism	3	54	9	3
	TB3708	OPK ~ N史- + Survey of Modern Chinese History 毛泽东 TUJ O Tj O. 12 Tc (J) Tj O Tc (O 9 Tf 270. 12 11	3	54	9	2
	TB3709					

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General  
Education  
Compulsory

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 E ( 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 O g m 与通 \$ Computer Network and Communication	2	36	10	5
	ZB5513	Hl _ } 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
\$% m O 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	] ^ u 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 u @ ? ( P Q Wireless Sensor Network	2	36	16	4
	ZX5252	Web i j 4 B C	2	36	12	5
	ZX5506	] ^ • j 4 o 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	Hl > n : , Basic of Digital Video and Audio	2	36	10	6
	ZX5551	p q P 1 P m M 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	
C Subtotal			23	414			
C Subtotal			135	2502			
8@48 { J b Practice and Experimet	8@m Practice	SY9990	P & 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	9 % 8 A Graduation Practice	2	√		8
		SY9999	9% OBC\Graduation Thesis (Project)	6	√		8
		SY9994	QO8@ Social Practice	2	√		1-7
	8% 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 sandbox deduction	1	22	22	1
	8@48{ J b: C Subtotal			25		166	
	" Z J b   C Total			160			

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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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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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	MATLAB												

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		\$_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	N@2H	2	36	—
		\$_mOJ bXA m\	ZX5543	HI _} y#	2	36	—

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( Embedded System and Application 080701)

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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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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	44	2.0	27.5	1.3
4 { D m O J b	18	0.0	11.3	0.0
Y 4 \$ % : , J b	18.7	5.3	11.7	3.3
4 \$ % O J b	17.1	5.9	10.7	3.7
4 \$ % m O J b	18	6	11.3	3.8
b 4 8 @ 4 8 { J b	0.0	25	0.0	15.6
: C	115.8	44.2	72.5	27.7
C	160		100	

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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	_ ` h取4I j	) *	! G; 3' Q	2009	OO
3	HI ] ^ mM: , (第 ' )	Oi	} ~ 893' Q	2007	OO
4	Uv ] ^ mM: , (第 ' )	# C	} ~ 893' Q	2010	OO
5	] ^ u路BC·8{ · z (第 ' )	r 4: s	] ^ a%3' Q	2008	OO
6	CkI PQ (第6' )	: l	] ^ a%3' Q	2013	OO
7	cde8M操 f g μC/OS-IK第2' \	Labrosse 7 ; ~U	YR a _G; 3' Q	2003	OO
8	cdefg@oKfBC	<=>	YR a _G; 3' Q	2007	OO
9	ARM cde ' <] Y] pK8 [ H讲	t OO	YR a _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	cdeCk f gBC #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 f g—He 4BC #X第o' \	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

> ? S T U V E h \$ U G i

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 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	u / 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
<b>通识必修课程小计 Subtotal</b>			46	900	36	
{ 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		
	. p q ( S T m Subtotal	. p q ( S T m 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	N @ 2 H Complex Variable Function	2	36	0	3
	ZJ5510	{ p # General Physics	3	54	8	3
<b>1 2 F s S T m Subtotal</b>			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 E ( 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	{ _ m M Communication Technology	3	54	12	5
	ZB5513	H l _ } y # Digital Signal Processing	3	54	12	5
	ZB5524	C k l P Q 4 { _ Computer Network and Communication	2	36	10	6
	1 2 ( S T m 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 8 M 操 f g Embedded Real-time Operating System	2	36	10	3
	ZX5292	Java b 5BC Java Programming	2	36	12	3
	ZX5529	] ^ u 路 BC b 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	@ ? ( m M Sensor Technology	2	36	8	4
	ZX5523	RFID 4 ! D 别 m M RFID and Bar Code Recognition Technology	2	36	8	4
	ZX5535	C k l K 助 ] 路 BC X & % \ Circuit CAD	2	36	16	4
	ZX5514	{ _ 接 w m M Communication Interface Technology	3	54	10	4
	ZX5506	] ^ • j 4 o 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 m M 4 i j X & % \ Technology and Application of the Internet of Things	2	36	12	5
	ZX5545	3 u @ ? ( P Q Wireless Sensor Network	2	36	10	6
	ZX5502	EDA m M EDA Technology	3	54	28	6
	ZX5542	H l > n : , Basics of Digital Video and Audio	2	36	10	6
	ZX5530	] ^ \$ % RS Electronic Specialty English	2	36	0	6
	ZX5552	4 < { _ m M 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
1 2 q ( S T m Subtotal			24	432		
S T h \$ m 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{ Jb Practice and Experiment	8@m Practice	SY9990	P & 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	9%8A Graduation Practice	2		√	8	
		SY9999	9% OXBC\ Graduation Thesis (Project)	6		√	7-8	
		SY9994	OO8@ Social Practice	2		√	1-7	
	8% 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	
	v E v w S T m Subtotal				25		166	
	S T u m Total				160			

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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	
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	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					
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. pq(S m	≥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								
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	数字), { B	4	72	16		4							
	k: 4H<&N	2	36	12		2							
	N@2H	2	36	0			2						
	{ p#	3	54	8			3						
\$% O J b	12FsST m	24	432	96	9	10	5						
	gE( 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				
\$% mO J b	计算Ogm与通\$	2	36	10						2			
	12 (ST m	23	414	106		3	6	6	6	2			
	ab bw	2	36	18		2							
	cde8M操 fg	2	36	10			2						
\$% mO J b	Java b5BC	2	36	12			2						
	] ^u路BCb	2	36	36			2						

课程类别	通 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	
	H<> 4_` f g	3	54	16			3						

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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
b 4 8 @ 4 8 { J	0.0	21.0	0.0	13.125
: C	108	52	67.5	32.5
C	160		100	

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课程名称	批准之	出版社	出版年	语种
[Redacted]	[Redacted]	[Redacted]	2009	OO
[Redacted]	[Redacted]	[Redacted]	2011	RO
[Redacted]	[Redacted]	[Redacted]	2011	RO
[Redacted]	[Redacted]	[Redacted]	2012	RO



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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	u / 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
	. p ( S T m Subtotal			46	882	108
{ D m O J b General Education Optional Course	( O 4 Q O m		≥2	≥36		2-7
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	e N 4 e % m		≥2	≥36		
	. p q ( S T m 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 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	SS?b5BC Assemble Language	3	54	18	4
	ZB5203	计算O: 成原理 Principles of Computer Organization	4	72	18	4
	ZB5216	Linux fgl 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
	12 (ST m Subtotal)			28	504	162
\$%mO 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 S b : , Fundamentals of Computer Hardware Programming	3	54	18	2
	ZX5283	k : BC 4 I Algorithm Design and Analysis	2	36	12	3
	ZX5246	Java b 5 BC Java Programming	2	36	12	3
	ZX5245	IT \$ % R S 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	P J K m M Multimedia Technology	3	54	18	6
	ZX5279	H < > i j f g BC 4 < ] 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 S 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 } * S 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 P Q 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! c < ] 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	2 q P x y H I J x y a Internet Financial Market and Financial Tools	2	36		7		
			1 2 q ( S T m Subtotal	23	414			
S T h \$ m Subtotal			139	2502				
8@48 { J b Practice and Experiment	8@m Practice	SY9990	P & 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	9%8A Graduation Practice	2		√	8	
		SY9999	9% OXBC \ Graduation Thesis (Project)	6		√	7-8	
		SY9994	QO8@ Social Practice	2		√	1-7	
	8@8 { J b Specialize d Experiment	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
		v E v w S T m Subtotal			21			
	S T u m Total			160				

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

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

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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; 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							
	u / NH	3	54				3						
	概 = 4H# gC %78	3 1	54 18					3					1
	. p ( ST m	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											
. pq ( S m	≥18	≥324											
\$% : J b	Ckl 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k23	4	72	24		4							
	计算Ogm	3	54	18			3						
	5作&'	3	54	18			3						
	数k6原理4A用	3	54	18			3						
12Fs S程 m	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						
	SS? b5BC	3	54	18				3					
	计算O: 成原理	4	72	18				4					
	Linux f gl	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		
	12 ( ST m	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 @oSb: ,	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 hSbmM	2	36	12					2					
	Java EE i j <] mM	3	54	18					3					
	Linux } * Sb	2	36	12					2					
	no • z mM	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! c<]	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				
	2qPxyHI Jxya	2	36									2		
	12q(ST m	23	414	144										
8@48 {J b	LQR	P&4政策	2			√	√	√	√	√	√	√	√	
		# 4	2			√								
		OZ8	2								√			
		9%8A	2										√	
		9% OXBC\	6									√	√	
		QO8@	2				√	√	√	√	√	√	√	
	d`L e	b5BCJ bBC	1	18	18		√							
		HI J bBC	1	18	18			√						
		H<>i j J bBC	1	18	18				√					
		HI f g •   J bB C	1	18	18							√		
	eNe %8{	&% ' (H)X * \	1	22			√							
	v E v wST m		21											
	STUm		160											

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

2. 8@mJ bJ 8{ mO! 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
{   U } { h ~ < •	6 < U	d` ~ ( A R)	ZX5211	P 4	3	54/18	
		d` ~ ( A R)	ZX5222	u: ; ~ 56	3	54/18	
		d` ~ ( A R)	ZX5233	Z U	3	54/18	
		d` ~ ( A R)	ZX5254	~ 56	2	36/12	
		d` ~ ( A R)	ZX5267	6	2	36/12	
		d` ~ ( A R)	ZX5269	6 Z	2	36/12	
		d` ~ ( A R)	ZX5272	~ 56	2	36/12	
		d` ~ ( A R)	ZX5275	h ~ 3[	2	36/12	
		d` ~ ( A R)	ZX5278		2	36/12	
		d` ~ ( A R)	ZX5280	Z M	2	36/12	

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&\$%\* + K f g] 1 \$ Z z ! ' ; 4 ( O E + \$ f g i C k l n o B C 4  
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: < ~ % : , C D \$ u \$ & % \$ ] ~ 4 \_ ` m M % ! n o < ] 4 i j J " # ! i j  
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B ? 5 6 G H F / I J

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] 4 • z 4 n o ' " # , g ! , : J \$ Z r ! 8 n o < ] u v = h p / ! 1 2 u  
v 4 W u v J F H I =

; • 9 % M \$ i Z 4 5 , g ! C D J u v 6

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2 b P z ! ' ; E + \$ f g & \$ % ! : & # 4 : , C D J : & mu =

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Z r ! m M O { S 写 J i # u v \$ = h S ? 4 O I A u v = p / x y 4 " # , E !  
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4 b Z r ! \$ % s ; u v J p / ! e N u v \$ u ; A 2 i j N ! n o < ] L 台 h a \$  
? n o m M ] 1 \_ ` =

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6 b Z p / ! K 9 J : & C D \$ q 1-2 e ! K 9 mu \$ + z !  
K 9 A J ! • 3 , e \$ + ! \$ A P X ) / ! G ; • K i J  
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7 b Z ! 4 } ! G ] J z ! ; E + \$ Z p / ! ? 4 ~

4 a 4 e ! u v =

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&\$%yz J b Z 6} \* S? b 5 BC 4 离 k & N h i j 4 H < & N 4 H < > # h i j 4  
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N? \$, E \$ ~ •

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周) ^ J b 8; X 含 z \ 周 H X 第 8; Z 1 9 周 \ \$ C 1 5 9 周 j V < \$ % 8; o + \$ 2; • 批  
n \$ 7 \$ 两 x; Z 之 M B: ; Z \$ 5 6 J b; A 4 \$ % 8 4 Q O 8 @ ~ 8; 3 < \$ 约 6  
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; • \$) / ! O % \_ 限 b 须 z 1 6 0; l \$ 其 O { D O J 4 6; l \$ { D m O J 1 8  
; l \$ \$ % : , J 2 2; l \$ \$ % O J 2 7; l \$ \$ % m O J 2 5; l \$ 8 @ 4 8 { J b 2 2  
; l = { l / L 则 - i A \* 6 ~ =; • 9 % K i • z - i A 5 0 l \$ Y n \* + 7  
; Z % O o) / B o • z =; • 9 % M \$ { } 9 % t \* c , n 9 % =  
9 % M p | ; ] 授 o ! o ! \$ 授 o a ; ; q ; ] =

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l \$ \$ % : , J 2 2; l \$ \$ % O J 2 7; l \$ \$ % m O J 2 5; l \$ 8 @ 4 8 { J b 2 2; l =  
2 b { D m O J 包括 ( O 4 Q O 4 L M 4 欣 4 s 4 ' m 4 A 4 沟 { 4 e N 4 e % ~  
5 x U G \$ \$ 2 - 7; Z < B \$ | C i O d 1 8; l \$ 且 \$ 每 x U G O O s 至 L 2; l = 其 O \$ W G  
; • e % : , ` X T X 2 2 4 3 \$ 2; l \ >; • z ; % 须 O s J b \$ 且 须 \$ \_ 3; Z z \$ 2  
取 i ) / ; l =

3 b \$ % m O J \$ 2 - 7; Z < B \$; • \$; • ) / ! [ \$ % \$ % m O J U G b m O \$ | C  
i O d 2 5; l \$ & \$ %; • O s 其他 \$ % A m \$ % m O J C i 超 } 1 5; l \$ 其余; l 须  
O s & \$ % B m \$ % m O J =

4 b & \$ % > Z r & K O ! ; • h A m m O J \$ A m \$ % m O J d E Y = K O & \$ %  
! ; • \$ & \$ % A m \$ % m O J O c C O d 1 5; l \$ 2; • & ( e f \$ K O \$ % < B; !  
d c \$ 8 W y / g 7 h i & \$ % K O \$ % L M =

5 b G; R S \$ 1 - 2; Z < B O J \$; • i O d 8; l j 3 - 7; Z | ; • V < o + s R m  
O R S J b J ' =

6 b G; K 9 采取 m J P e 8 9 俱 乐 部 8; =; • V < & ( K 9 \$ Y J ) 趣 z m n O s  
K 9 ' \$ \$ C d ! 8; 俱 乐 部 z ) / ! 8; b } \$ 取 i ) / ! 4; l =

7 b 8 @ 4 8 { J 6; • i z & \$ % ) / ! 8 @ 4 8 { J 2 取 i 2 2; l \$ 其 O \$; • \$  
• ; A Z M \$ 须 参 ' Q O 8 @ 3 < \$ 2 至 L 取 i 2 x Q O 8 @; l , 7 9 % j \$ % s ) 5 6



! 408{ J b | ( i O J b ! " \$ \$ + , = ' P e 1 z 8 @ 4 8 { J b " 1 F ! K 7 W =

8b第6; Z \$ 5 D 5 6 " a ; 替 " 8 @ 8 ; D \$ 包括 O Z 8 X 2 ; I \ J n o a b • | 8 @ X 5 ; I \ 两 x 部 I \$ C 7 ; I = K 采取 ; • J b ; A 4 \$ % 8 A : i 8 A & | " E ; E I " ! 8 ; 1 2 , e \$ Y n o a b • | 8 @ ~ 8 @ m \$ % J b ; A 4 \$ % m M 8 4 & % ' 8 @ J ] 8 A d q o ) \$ | ; • 4 & % d b / 8 ; G - 4 8 A , - \$ 2 d 1 2 8 9 =

9b第8; Z \$ ; • 须 z 9 % B C J 9 % 8 A \$ 两者 7 = & | o ) \$ | \$ % 8 = J & % 8 = q | 7 8 \$ 9 % 8 A 7 W z \* + | & % F > y R S =

10. V < ; • 第 J W ; • Y 助 v a b 8 9 \ : ! % ) / \$ ; • z 第 J W ; I \* + z d ; • 9 % { - =

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; _ ; 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

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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
p	*	*	*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Y	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
b	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
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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	40.0	6.0	25.0	3.8
4 { D m O J b	18.0	0.0	11.3	0
Y 4 \$ % : , J b	15.0	7.0	9.4	4.4
4 \$ % O J b	17.0	10.0	10.6	6.3
4 \$ % m O J b	17.0	8.0	10.6	5.0
b 4 8 @ 4 8 { J	0.0	22.0	0	13.8
: C	107	53	66.9	33.1
C	160		100	

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序号	书名	著者 / 译者	出版社	出版年	语种
1	f g l 4 B C 第 9'	Kenneth E.Kendall / 9 L 5	l " a % 3' Q	2014	OO
2	g E ( l 4 B C (第 3 ' ) ( O 1' )	Grady Booch / 8'	! G ; 3' Q	2016	OO
3	k : (第 4' )	Robert Sedgewick / : 路 %	( # ] 3' Q	2012	OO
4	C k l ' ; 概 (第 12' )	[ ] J . * Y . 1 C l 2 7 8 3 . 1 5 r / t L	( # ] 3' Q	2017	OO
5	@ d # C k l f g (第 3' )	Randal E.Bryant / G l	l " a % 3' Q	2016	OO
6	n o B C = 8 b (第 5' )	L ! 4 ( _	! G ; 3' Q	2018	OO
7	Web B C 4 < ]	Cr 4 B	! G ; 3' Q	2011	OO
8	~ N 操 f g ( M 第 4' )	William Stallings / @ E M	l " a % 3' Q	2017	OO
9	C k l P Q : s " E 5 , : ( M 第 6' )	James F.Kurose / @ 1	! G ; 3' Q	2014	OO
10	n o B C U e 4 K f & N	'	} ~ 8 9 3' Q	2013	OO
11	o , } b (第 3' )	Suzanne Robertson / 8'	( # ] 3' Q	2014	OO
12	The Art of Computer Programming	Donald E. Knuth	( # ] 3' Q	2010	RO
13	n o a b : 8 @ 者 ! y 究 , : ( R O ' ) (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

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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	u / NH Linear Algebra	3	54		3
	TB4914	概 = 4 H # 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
		. p ( S T m Subtotal	46	882	36	
{ 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		
		. p q ( S T m 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 O g 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	
	1 2 F s S T m 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	P & 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	9%8A Graduation Practice	2	√		8
		SY9999	9% O X B C \ Graduation Thesis (Project)	6	√		7-8
		SY9994	QO8@ Social Practice	2	√		1-7
	s% ) 56 School Required	SY5205	b 5BCJ b BC Course Project of Programming	1	18	18	2
		SY5512	H< &NJ b BC Course Project of Data Structure	2	36	36	3
		SY5206	g E ( J b BC Course Project of Object-oriented Programming	1	18	18	4
		SY5208	H< > i j J b BC Course Project of Database Application	1	18	18	5
	eNe% 8{ Innovation and Entrepreneurship Experiment	SY9701	&%' ( H) X * \ Enterprise sandbox deduction	1	22	22	1
	v E v wS T m Subtotal			22			
	S T u m Total			160			

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

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课程通 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							
	u/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	
	. p ( ST m	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										
	. pq( S m	≥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 WP;	2	36	12				2					
	IT \$%RS	2	36					2					

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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; !	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	gE( 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<> #h i j	2	36/12	—



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( Internet of Things Engineering 080905)

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&\$%\* + 4 4K4 f g] 1\$ z! ' ; 4( OE+\$ ZpqPJ %.  
域 8! # : , J\$%CD\$ f g pqPOpp2q4\_` ? C 2! : , # J%N  
mM\$u pqP. 域# y究4abBC4i j <] 4f g • z 4mM] B4O7" #  
~a ! i j D4N| DabmM() =

B ? 5 6 G H F / I J

&\$%= \* + "ZmM44" # 4{ 27! i j D() ">: &+, \$; • i r 树立“eN4  
e%4e ”! %#U=+, ; • \$• ZMb pqP, g! : &# J: &CD\$接  
pqPab<] 4i j 4" #! mu \$ ZBCJ <] [ mpqPab! : &uv =  
9%• i hi =5 , g! CDJ uv 6  
1br 树立 P4 %4@\_4 {! S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 s&\$%! cOTO\$ Zp/! P >aJ} Oa  
W4 4| uv =  
5b &\$%a " o! s ' ; CD\$=hp/! 23; 4" #; hab' ; CD=  
6b pqP' ; 4mM! : &Tj , : Jy究, : \$ pqPabno<] J V W  
! : &# J , : \$ Z z! ' ; E+Jp/! abcD\$2 • | Oj " ! CD4  
, : JmM . 8 ! uv =  
7. ? pqPabmM! ] 1, E 4<态\$取i p/! ' 2{ J QO8@2" =

K ? 1 2 | } S T

&\$%yz J bZ 6} \* S? b5BC4H<&N4HI ] ^mM4操 f g 4Ck I P  
Q4{ \_4\$ I # 4i j 4cdemM4RFID # hi j 4pqP{ \_mM4pqPa

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N? \$, E\$ ~ •

: &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\$7\$两x; Z之MB: ; Z\$56J b; A4\$%8 4QO8@~ 8; 3<\$  
约6周=

R? 2E \$ I J

; • \$) /! O%\_限bz 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 \* 6~ =; • 9%Ki • z - i A 50l \$Yn\* + 7; Z%O  
o) /Bo• z =; • 9%M\${ } 9%t \* c, n9%=  
9%Mp| ; ] 授o! o! \$授oa; ; q; ] =

W? 12EST( y:

1b&\$%hi 9%t \* +, z 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%~  
5xUG\$\$ 2-7; Z<B\$| Ci Od 18; l \$且\$每xUGOos至L 2; l =其O\$VG  
; • e%: , `XTX2243\$2; l \>; • z ; % 须OsJ b\$且须\$\_ 3; Zz \$2  
取i ) /; l =

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

4. &\$%>Zr &KO! ; • h A m\$%mOJ \$A m\$%mOJ d EY=KO&  
\$%! ; • \$&\$% A m\$%mOJ OcCOd 15; l \$2; • &( ef \$KO\$%<B;  
! dc\$8Wy /g7hi &\$%KO\$%LM=

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

6bG; K9采取mJ Pe89俱乐部8; =; • V<&( K9\$YJ) 趣 z mnOs  
K9 ' \$\$Cd! 8; 俱乐部z ) /! 8; b} \$取i ) /! 4; l j

7b; • i z &\$%) /! 8@h8{ J 2取i 26; l =其O\$; • gp) /! 9%8  
A49%BC~8@D \$ C 17; l j ; • \$• ; AZM\$ 须参' QO8@3<\$2至  
L取i 2xQO8@; l =

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

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; _; 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

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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
p	*	*	*	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Y	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
b	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	+	+
o	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
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 , 9% 8A • 9% O X B C \ ▲ 离 • 89

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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	44	2	27.5	1.2
4 { D m O J b	18	0.0	11.3	0.0
Y 4 \$ % : , J b	16.1	5.9	10	3.6
4 \$ % O J b	16.9	8.1	10.4	5.2
4 \$ % m O J b	15	8	9.5	5
b 4 8 @ 4 8 { J b	0.0	26	0.0	16.3
: C	110	50	68.7	31.3
C	160		100	

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序号	书名	著(译)者	出版社	出版年	语种
1	]路4] ^;	SOP80	] ^ a %3' Q	2014	OO
2	GH<MN6• 34a 4Tj ! G @\	Viktor Mayer-Schonberge r	XU( # 3' Q	2013	OO
3	%Ck 4l 1efg6 2) y# pqP	Q	l " a %3' Q	2013	OO
4	pqPab概	8r	l " a %3' Q	2011	OO
5	CkI PQ (第7' )	: l	] ^ a %3' Q	2016	OO
6	CkI PQ	R x	! G; 3' Q	2017	OO
7	: &Cortex-M3J IPv6! pqPmM <] 4i j	? OS	! G; 3' Q	2017	OO
8	pqPab<] 4i j 8\	z A	' ; 3' Q	2016	OO
9	5l \$ l 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\	c 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

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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	u / 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; SO College Chinese	3	54		6	
	TB9998	% 7 8 Career Guidance	1	18		7	
	. p ( S T m 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				
. p q ( S T m Subtotal			≥18	≥324			
\$%: , J b Major Basic Course	ZJ5513	] 路 4 ] ^ m M 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	
	1 2 F s S T m 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	实践实验学时 Experimental Hours	
	ZB5518	@ ? ( # h i j Principle and Application of Sensor	2	36	18	4
	ZB5524	RFID 原理 4 A 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 u @ ? ( 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
	1 2 ( S T m Subtotal		25	450	146	
	ZX5510	c d e b 5 B C Embedded Program Design	3	54	16	2 b

\$%mO  
J b  
Major  
Optional  
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	实践实验学时 Experimental Hours		
	ZX5537	c d e Linux S 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	
	1 2 q ( S T m Subtotal			23	414		
S T h \$ m Subtotal			134	2466			
8@48 { J b Practice and Experiment	8@m Practice	SY9990	P & 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	9 % 8 A Graduation Practice	2		√	8
		SY9999	9% 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
	v E v w S T m Subtotal			26			
	S T u m Total			160			

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

2. 8@mJ b J 8{ mO! } \$%8{ J J e Ne %8{ J | ; • gp) / \$ 其余6 | \$ % s ) 5 6 =

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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; K 9	4	144		2	2	2	2					
	} ~H;	9	162		4	5							
	u/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	
. p ( ST m	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										
. pq ( ST m	≥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					
1 2Fs ST m	22	396	106	9	7	3	3						
\$% O J b	CkI 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				
	3u@?( PQ	2	36	18					2				
	_} 4fg	3	54	8						3			
	@Ag工程设计与实B	2	36	8						2			
1 2 ( ST m	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• z mM	2	36	12																		2							
	cde Linux Sb	2	36	18																		2							
	HI _} y#	2	36																			2							
	{ _ #	3	54	8																		3							
	EDa mM	3	54	28																		3							
	pqPab\$%] 1_`	1	18																									1	
	IT \$%RS	2	36																										2
	2qPxyHI Jxya	2	36																										2
	pqP_`5f	2	36	10																									2
	路  4 ZmM	2	36	12																									2
	pqP1PmM4i j X&%\	2	36	12																									2
12q( ST m	23	414																											
8@48 { J b	LQR	STUVW	2			√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	
		XYZ[ UXY\]	2			√																							
		J ^L\	2																				√						
		_`La	2																					√	√				
		_` [ K( 56)	6																						√	√			
		bcLQ	2				√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√	√
	d`L e	\$. C4mu	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{	&%' ( H) X * \	1	22			√																						
	v E v wST m		26																										
STum		160																											

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

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&\$%\* + K f g] 1\$ Z z ( O4' ; E+\$be234" #~ %: ,  
CD\$f gi <=4! cJ ov~8mM~HI Oa LM G! BC4b J mMe  
N\$ Z r! 8@< uv\$u <=4! cJ ov~8mM~HI Oa LM G!  
BC4b 4mM] B4•F" #J mMy] eN~a ! i j D4N| Da bmM( ) =

B?56GHF / I J

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

; • 9%Mi hi =5, g! CDJ uv6

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

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

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

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

5bb pOcS\$u s&\$%! cOtO= OG~V4tOca! : &,  
: \$ Zh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=

K? 1 2 | } S T

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

N? \$, E \$ ~ •

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\$ 9%8A 8周\$ 9% OXBC\ 8周\$离• 893周j V<\$%8; o+\$  
2; •批n\$7\$两x; Z之MB: ; Z\$56J b; A4\$%8 4QO8@~8; 3<\$  
约6周=第4; Z; •ZM56OZ 8 \$采取a; &| ! , e\$ 4周=

R? 2E \$ I J

; • \$) /! O%\_限b 须z 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 \* 6~ =; • 9%Ki • z - i A 50I \$Yn\* +7  
; Z%Oo) /Bo• z =; • 9%M\${ } 9%t \* c, n9%=  
9%Mp| ; ] 授o! o! \$授oa; ; q; ] =

W? 1 2 E S T ( y :

1b&\$%hi 9%t \* +, z 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  
xUG={ DmOJ \$ 2-7; Z<B\$; • 须hi { DmOJ b 18; I \$且\$每xUGOOS  
至L 2x; I \$其O\$WG; • e%: , `XTX2243\$2; I \>; • z ; % 须OsJ b\$且  
须\$\_ 3; Zz \$2取i ) /; I =  
3b\$%mOJ \$ 2-7; Z<B\$; • \$; • ) /! \$%mOJ UGbmO\$| Ci Od 23  
; I =  
4b&\$%>Zr &KO! ; • h AmmOJ J BmmOJ \$AmmOJ d EY\$B  
mmOJ >&\$%! \$%mOJ \$d Ep=KO&\$%! ; • i | 3mO A mmOJ \$\$  
&\$%A4B mmOJ OcCOd 15; I \$2; • &( ef \$KO\$%<B! f dc \$  
8Wy /g7hi &\$%KO\$%LM=  
5bG; RS\$ 1-2; Z<B OJ \$; • i Od 8; I j 3-7; Z| ; • V<o+sRm  
ORSJ bJ ' =  
6bG; K9采取mJ Pe89俱乐部8; =; • V<&( K9\$YJ ) 趣 z mnOs

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

7b8@48{ J 6; • i z &\$%) /! 8@48{ J 2取i 2l; l \$其O\$; • \$  
• ; AZM\$ 须参' QO8@3<\$2至L取i 2xQO8@; l , 79%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\$YHI 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z 9%BCJ 9%8A\$两者7=&| o) \$| \$%8=J &  
%8=q| 78\$9%8A7Wz \* +| &%F > yRS=

10. V<; • 第 JW; • Y助vab89\ : ! %) / \$; • z 第 JW; l \*  
+z d; • 9%{ - =

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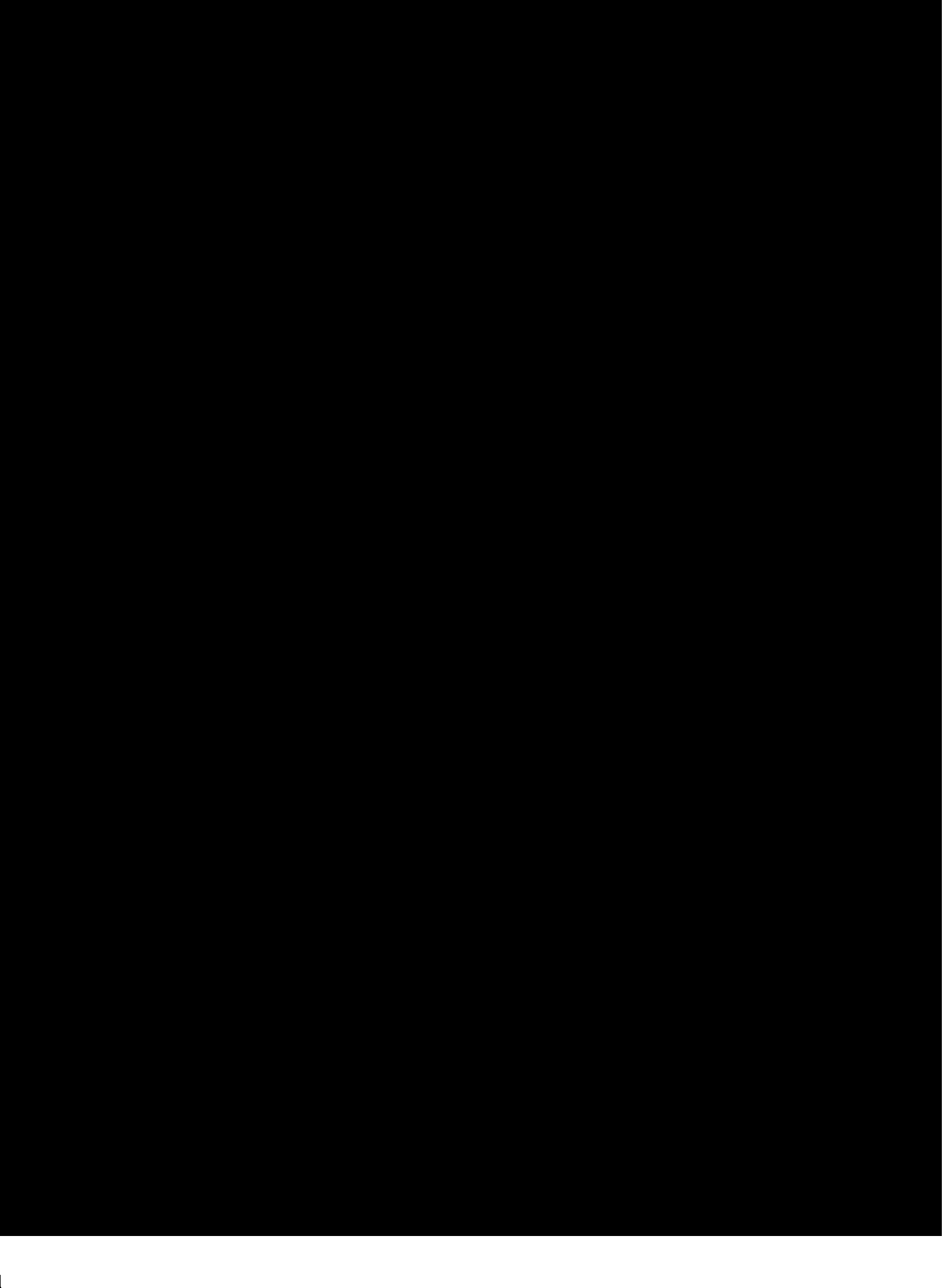
; _; Z	第p; _		第 ; _		第Y; _		第 ; _		: ; Z	C
	第1 ; Z	第2 ; Z	第3 ; Z	第4 ; Z	第5 ; Z	第6 ; Z	第7 ; Z	第8 ; Z	第2-7; Z	
周H	20	20	20	20	20	20	20	19	约6周	165

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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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Y	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
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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	u / 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
	. p ( S T m 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		
		. p q ( S T m 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 E ( b 5 B C Object-Oriented Programming	3	54	18	3
	ZB5522	PJ K mM Multimedia Technology	3	54	18	4
	<b>ZB5203</b>	<b>计算O: 成原理 Principles of Computer Organization</b>	<b>4</b>	<b>72</b>	<b>18</b>	<b>4</b>
	<b>ZB5523</b>	<b>计算O/形学 Computer Graphics</b>	<b>3</b>	<b>54</b>	<b>18</b>	<b>4</b>
	ZB5233	n o a b 8 Introduction to Software Engineering	3	54	18	5
	ZB5216	Linux f g l Linux System Analysis	<b>3</b>	<b>54</b>	<b>18</b>	<b>5</b>
	<b>ZB5239</b>	<b>数字* " { B Digital Media Technology</b>	3	54	18	6
	<b>ZB5249</b>	<b>C + D实{ B Virtual Reality Technology</b>	<b>3</b>	<b>54</b>	<b>18</b>	<b>6</b>
	1 2 ( S T m Subtotal			28	504	144
1 2 q ( S T Major Optional Course	ZX5292	5 6 U Web Design and Web Site Development	2	36	12	2
	ZX5565	6 ~ Fundamentals of Computer Hardware Programming	3	54	18	2
	ZX5208	FPGA U : ; FPGA and Hardware Description Language	3	54	18	3
	ZX5283	v 5 6 U Algorithm Design and Analysis	2	36	12	3
	ZX5246	Java ~ 5 6 Java Programming	2	36	12	3
	ZX5577	U h Big Data and Artificial Intelligence	3	54	18	4
	ZX5558	6 Computer animation	3	54	18	4
	ZX5239	C#~ 5 6 C# Programming	2	36	12	4
	ZX5279	M 4 5 6 U Design and Development of Database Application System	2	36	12	4
	ZX5564	~ M L Q Basic Practice of Program Application	3	54	54	5
	ZX5210	Windows ~ 5 6 Windows Programming	3	54	18	5
	ZX5559	6 ~ 5 6 Computer games programming	2	36	12	5
	ZX5209	Java EE M Application and Development of Java EE Technology	3	54	18	5
	ZX5274	Software Testing Technology	2	36	12	5
	ZX5250	UML k UML Modeling Technology	2	36	12	5
	ZX5251	Unity 3D M Unity 3D Applications	2	36	12	6
	ZX5562	= Streaming media technology	2	36	12	6
	ZX5291	Network Game Development	2	36	12	6
	ZX5297	M Mobile Platform Application Software Development	2	36	12	6
	ZX5252	Web MU Web Application and Development	2	36	12	6
	ZX5245	IT d ` N: IT Professional English	2	36		7
ZX5561	Digital media ppreciation	2	36	12	7	
ZX4301	< 3 [ 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	P&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	9%8A Graduation Practice	2		√	8
		SY9999	9% OXBC \ Graduation Thesis (Project)	6		√	7-8
		SY9994	QO8@ Social Practice	2		√	1-7
	8%8{ Specialize d Experiment	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			
Subtotal			160				

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

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

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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								53

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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
4 { _a b; !	HI J KmM	\$%mOJ bXA m\	ZX5211	操 f g	3	54/18	\$
		\$%mOJ bXA m\	ZX5222	} * S? b5BC	3	54/18	\$
		\$%mOJ bXA m\	ZX5221	PJ KmM	3	54/18	—
		\$%mOJ bXA m\	ZX5266	CkI wP;	2	36/12	—
		\$%mOJ bXA m\	ZX5254	b5BC: ,	2	36/12	—
		\$%mOJ bXA m\	ZX5265	CkI 8	2	36/12	f_
		\$%mOJ bXA m\	ZX5267	CkI PQ	2	36/12	\$
		\$%mOJ bXA m\	ZX5269	CkI 1 #	2	36/12	\$
		\$%mOJ bXA m\	ZX5270	离k &Nhi j	2	36/12	\$
		\$%mOJ bXA m\	ZX5272	gE( 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	—