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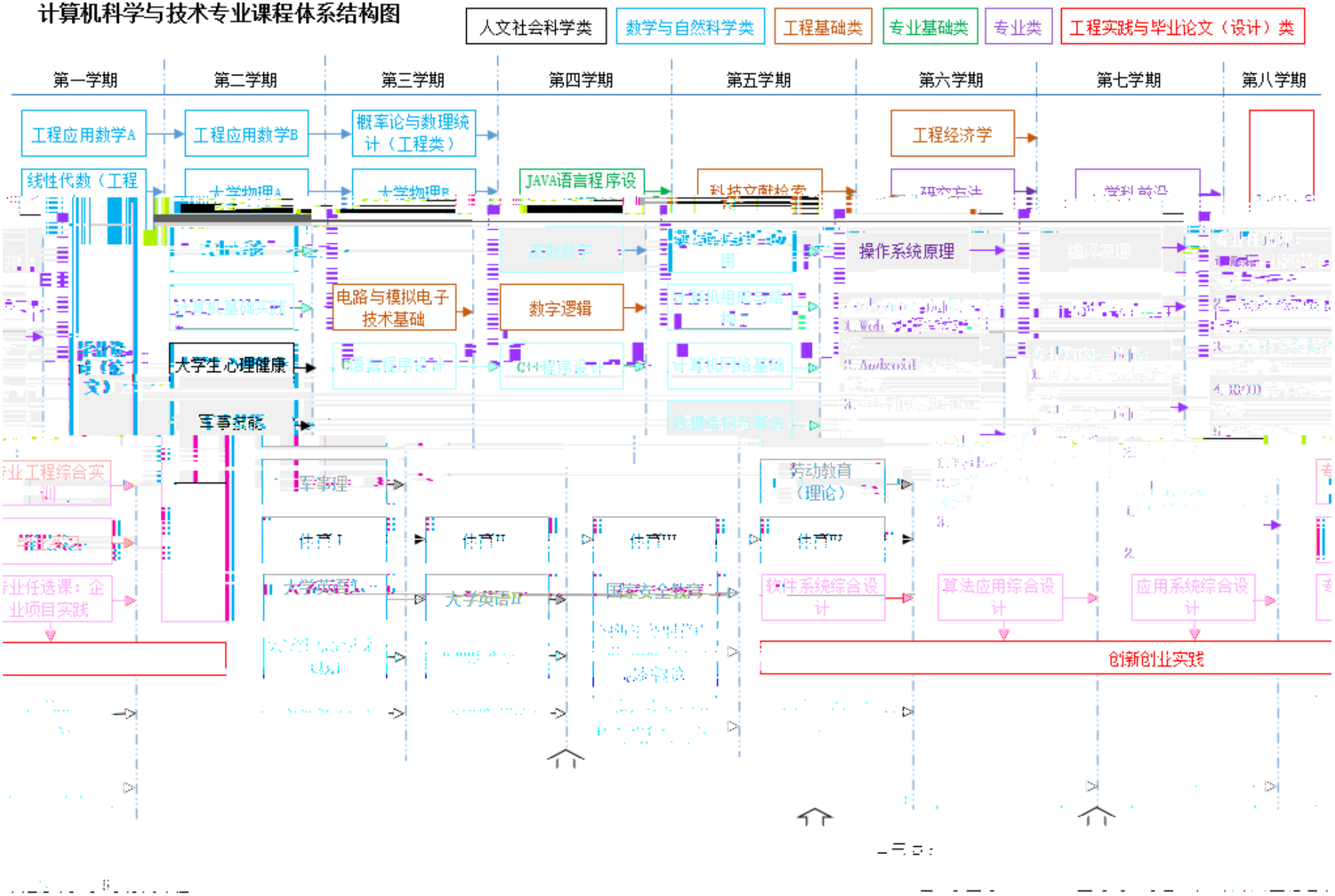
计算机科学与技术专业课程体系结构图



	29.0	16.7%	2.0	1.2%	29.0	16.7%	0.0	0.0%
	9.5	5.5%	1.5	0.9%	9.5	5.5%	0.0	0.0%
	21.0	12.1%	5.5	3.2%	21.0	12.1%	0.0	0.0%
	29.0	16.7%	7.5	4.3%	11.0	6.3%	18.0	10.4%
	36.0	20.7%	36.0	20.7%	36.0	20.7%	0.0	0.0%
	49.0	28.2%	12.0	6.9%	44.0	25.4%	5.0	2.9%
	173.5	100.0%	64.5	37.2%	150.5	86.7%	23.0	13.3%

								(workload)						**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**				
	1051100002		Military Skill	2.0	0.0	0.0	2.0	+2						2											
				2.0	0.0	0.0	2.0	0	0	0	0	0	0	2	0	0	0	0	0	0	0				
		( )																							
														1	**2**	**3**	**4**	**5**	**6**	**7**	**8**				
36	3021301600		Integrated Design of Software System	2.0	0.0	0.0	2.0	+2									2								
	3021301601		Integrated Design of the Algorithm Application	2.0	0.0	0.0	2.0	+2										2							
	3021301602		Integrated Design of Application System	2.0	0.0	0.0	2.0	+2											2						
	3021301603		Comprehensive Training of Professional Engineering	6.0	0.0	0.0	6.0	+6												6					
	3021301604		Graduation practice	4.0	0.0	0.0	4.0	+4												4					
	3021301605	( )	Graduation project (Dissertation	14.0	0.0	0.0	14.0	+14													14				
	3021301606		Innovation and Entrepreneurship Practice	6.0	0.0	0.0	6.0	+6																	
				36	0.0	0.0	36.0	0	0	0	0	0	0	0	0	0	2	2	2	10	14				

									(workload)						1	2	3	4	5	6	7	8					
	17	3131100001		Ideological and Moral Cultivation and Legal Foundation	3.0	2.5	0.0	0.5	84	48	40	0	8	36	3												
		3131100002		Compendium of Chinese Neoteric and Modern History	3.0	2.5	0.0	0.5	84	48	40	0	8	36		3											
		3131100003		Basic Principles of Marxism	3.0	2.5	0.0	0.5	84	48	40	0	8	36				3									
		3131100004		Mao Zedong Thought and Theoretical System of Chinese Socialism	3.0	2.5	0.0	0.5	84	48	40	0	8	36			3										
		3131100006		One of the Four Histories	0.5	0.5	0.0	0.0	14	8	8	0	0	6		0.5											
		3131100007		Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era	3.0	2.5	0.0	0.5	84	48	40	0	8	36			3										
		3131100008		Situation and Policy	2.0	1.5	0.0	0.5	-	64	48	0	16	-								2					

									(workload)						**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**					

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									(workload)						1	2	3	4	5	6	7	8					
	14	3021301001		Introduction of Professiona	1.0	1.0	0.0	0.0	28	16	16	0	0	12	1											
		3141100001		Physical Education I	1.0	0.0	0.0	1.0		36	0	0	36	0	1											
		3141100002		Physical Education II	1.0	0.0	0.0	1.0		36	0	0	36	0		1										
		3141100003		Physical Education III	1.0	0.0	0.0	1.0		36	0	0	36	0			1									
		3141100004		Physical Education IV	1.0	0.0	0.0	1.0		36	0	0	36	0				1								
		3141100101		Art Education I	1.0	0.0	0.0	1.0	28	24	0	0	24	4												
		3141100102		Art Education I	1.0	0.0	0.0	1.0	28	24	0	0	24	4												
					4.5	4.5	0.0	0.0	126	64	64	0	0	62												
					47.0	37.0	0.0	10.0	1120.0	892.0	628.0	0.0	264.0	468.0	12.5	8.5	8.0	5.0	2.0	1.0	1.5	2.0					
									(workload)						1	2	3	4	5	6	7	8					
	17	3021100001	A	Engineering Applied Mathematics A	5.0	5.0	0.0	0.0	140	80	80	0	0	60	5											
		3021100002	B	Engineering Applied Mathematics B	5.5	5.5	0.0	0.0	154	88	88	0	0	66		5.5										

									(workload)						1	2	3	4	5	6	7	8					
		3021100003		Linear Algebra (Engineering	3.0	3.0	0.0	0.0	84	48	48	0	0	36	3												
		3021100004		Probability and Statistic (Engineering	3.0	3.0	0.0	0.0	84	48	48	0	0	36			3										

								(workload)						**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**				
3021390002			Engineering Economy	1.5	1.5	0.0	0.0	42	24	24	0	0	18						1.5						
				9.5	8.0	1.5	0.0	266	164	128	36	0	102	0	4	3.5	0	0.5	1.5	0	0				
								(workload)						**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**				
3021390003			Computer Based Practice	1.0	0.0	1.0	0.0	28	24	0	24	0	4	1											
3021390004	C		C Programming Language	3.5	2.5	1.0	0.0	98	64	40	24	0	34		3.5										
3021390005	C++		C++ Programming Language	2.5	2.0	0.5	0.0	70	44	32	12	0	26			2.5									
3021390006			Data Structure and Algorithm	4.5	3.5	1.0	0.0	126	80	56	24	0	46				4.5								
3021390007	JAVA		JAVA Programming Language	3.0	2.0	1.0	0.0	84	56	32	24	0	28				3								
3021390008			Computer Architecture and Organization	3.5	3.0	0.5	0.0	98	60	48	12	0	38				3.5								
3021390009			Fundamentals of Computer Network	3.0	2.5	0.5	0.0	84	52	40	12	0	32				3								
				21.0	15.5	5.5	0.0	588	380	248	132	0	208	1	3.5	2.5	14	0	0	0	0				
								(workload)						**1**	**2**	**3**	**4**	**5**	**6**	**7**	**8**				

									(workload)						1	2	3	4	5	6	7	8					
3021390010				Principles of Operating System	3.0	2.5	0.5	0.0	84	52	40	12	0	32					3								
3021390011				Principles and Application of Database	3.0	2.0	1.0	0.0	84	56	32	24	0	28				3									
3021390012				Compiler Principles	2.5	2.0	0.5	0.0	70	44	32	12	0	26						2.5							
3021390013				Software Engineering	2.5	2.0	0.5	0.0	70	44	32	12	0	26						2.5							
					11.0	8.5	2.5	0.0	308.0	196.0	136.0	60.0	0.0	112.0	0.0	0.0	0.0	3.0	3.0	5.0	0.0	0.0					

									(workload)						1	2	3	4	5	6	7	8					
1	13	3021401005	Web	Web Application System Developmen	3.0	2.0	1.0	0.0	84	56	32	24	0	28					3								
		3021401007	Android	Application System Developmen on Android	3.0	2.0	1.0	0.0	84	56	32	24	0	28					3								
		3021401008		Principles and Application of Mono-Chip Computer	3.5	3.0	0.5	0.0	98	60	48	12	0	38					3.5								
		3021401009		Developmen of Embedde Application System	3.5	2.5	1.0	0.0	98	64	40	24	0	34						3.5							
					13.0	9.5	3.5	0.0	364.0	236.0	152.0	84.0	0.0	128.0	0.0	0.0	0.0	0.0	9.5	3.5	0.0	0.0					

									(workload)						1	2	3	4	5	6	7	8					
2	13	3021401010		Technology of Data Visualization	2.0	1.5	0.5	0.0	56	36	24	12	0	20						2							
		3021312011		Big Data Infrastructure Development Framework	3.0	2.0	1.0	0.0	84	56	32	24	0	28					3							
		3021312012		Data Acquisition and Preprocessing Technology	3.0	2.0	1.0	0.0	84	56	32	24	0	28					3							
		3021312014		Data Mining	2.5	2.0	0.5	0.0	70	44	32	12	0	26						2.5						
		3021313004	Python	Python Programming Language	2.5	2.0	0.5	0.0	70	44	32	12	0	26					2.5							
					13.0	9.5	3.5	0.0	364.0	236.0	152.0	84.0	0.0	128.0	0.0	0.0	0.0	0.0	8.5	4.5	0.0	0.0					
		3021401011		Internet of Things Technology Application	2.5	2.0	0.5	0.0	70	44	32	12	0	26						2.5						
		3021401012	Web	Web Technology on Enterprise Project Development	2.5	1.5	1.0	0.0	70	48	24	24	0	22							2.5					
		3021312013		Big Data Core Development Framework	3.0	2.0	1.0	0.0	84	56	32	24	0	28							3					
		3021403402		RFID Technology Principle and Application																	2.5					

									(workload)						1	2	3	4	5	6	7	8					
		3021401015		The Principle and Application of Programmable Logic Device	3.0	2.0	1.0	0.0	84	56	32	24	0	28							3						
		3021313201		Digital Images Processing	3.0	2.0	1.0	0.0	84	56	32	24	0	28													
		3021313203		Deep Learning	2.5	2.0	0.5	0.0	70	44	32	12	0	26							2.5						
		3021401607		Enterprise Project Practice	6.0	0.0	0.0	6.0	+6												6						
					5.0	3.5	1.5	0.0	140.0	92.0	56.0	36.0	0.0	48.0	0.0	0.0	0.0	0.0	0.0	2.5	2.5	0.0					
					173.5	109.0	16.5	48.0	3598.0	2440.0	1780.0	396.0	264.0	1398.0	23.5	26.5	24.5	24.0	17.0	15.5	14.0	16.0					