

460301

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46	4603	3561 3563	2-02-07-04 6-05-02-01 6-06-01-01		" 1+X" " 1+X"

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4		PLC	PLC	PLC

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	1	3	14	2		1	20	40
	2		18	2			20	
	3		18	2			20	40
	4		18	2			20	
	5		18	2			20	40
	6				20		20	
		3	86	10	20	1		120

2600

139

50%

752

28.9% 41

1848

71.1% 98

328

12.6% 20

4

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		%		%	
	752	28.9	41	29.5	1/4
	1848	71.1	98	70.5	
	2600		139		
	2272	87.4	119	85.6	
	328	12.6	20	14.4	

									10%	
		1424								50%
	%	54.8								

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							16	18	18	18	18	20		
													/	
1	99000742B		2	36	32	4			2/36					
2	99000752B		3	54	48	6				3/54▲				
3	99000682A	1	3	20	20	0	2/20							
4	99000692B	2		34	30	4		2/34						
5	99000032A	1	1	8	8	0	(8)							
6	99000612A	2		8	8	0		(8)						
7	99000622C	3		8	0	8			(8)					
8	99000062A	4		8	8	0			(8)					
9	99000072A	5		8	8	0				(8)				
10	99000082B	1	3	56	30	26	4/56▲							
11	99000092B	2	4	72	46	26		4/72▲						
12	99000122B	1	2	36	4	32	2/36▲							
13	99000132B	2	2	36	4	32		2/36▲						
14	99000142B	3	2	36	4	32			2/36▲					
15	99000542B		3	48	24	24	4/48▲							
16	99000592B		2	32	4	28		(16)	(16)					
17	99000602A		1	16	16	0		(16)						
18	99000582B		2	32	16	16			2/32					
19	99000172B	1	2	12	6	6	(12)							
20	99000182B	2		12	6	6			(12)					
21	99000192B	3		12	6	6				(12)				
22	99000572B		2	32	28	4			2/32					
23	99000702B	1	2	16	8	8	(16)							
24	99000712B	2		16	8	8		(16)						

25	99000212C		2	56	0	56	(56)							
26	99000202A		1	12	12	0	(12)							
			39	716	384	332	12/264	8/198	8/172	3/74	0/8	0		
1		2~5	2	36	18	18		36						
			2	36	18	18	0	0	0	0/36	0	0		
			41	752	402	350	12/264	8/198	8/172	3/110	0/8	0		
1	02010010B		3	56	40	16	4/56▲							
2	02010020B	I	3	56	40	16	4/56▲							
3	02010030B	I	3	56	32	24	4/56▲							
4	02010040B	II	4	64	16	48		4/64						
5	02010050B		3	48	36	12		3/48						
6	02010060B	II	4	64	48	16		4/64▲						
7	02010070B		2	32	22	10		2/32▲						
8	02010350B		1	28	3	25		(28)						
9	02010360B		1	28	3	25		(28)	2					
10	02010090B		5	108	72	36			6/108▲					
11	02010160B		4	72	36	36			4/72▲					
12	02010110B	C	4	64	32	32				4/64▲				
			37	676	380	296	12/168	13/264	10/180	4/64	0	0		
			37	676	380	296	12/168	13/264	10/180	4/64	0	0		
1	02010080B		4	64	32	32		4/64▲						
2	02010100B		4	72	36	36			4/72					
3	02010120B		4	64	32	32				4/64				
4	02010130B		4	64	32	32				4/64▲				
5	02010140B	PLC	4	64	32	32				4/64				

	6	02010150B		4	64	32	32					4/64		1+X
				24	392	196	196	0	4/64	4/72	12/192	4/64	0	
				24	392	196	196	0	4/64	4/72	12/192	4/64	0	
	2	02010181B		4	64	32	32					4/64▲		4
1		02010171B		4	64	32	32					4/64		
	2	02010221B		4	64	32	32					4/64		4
1		02010211B		4	64	32	32					4/64▲		
	2	02010251B		4	64	32	32					4/64		4
1		02010371B		4	64	32	32					4/64		
	1	02010291B	AutoCAD	2	36	18	18			2/36				
	2	02010381B		2	36	18	18					2/36		
	3	02010411B		2	36	18	18					2/36		
	4	02010421B	CAE	2	36	18	18					2/36		
	5	02010201B		4	64	32	32					4/64		6
	6	02010231B		4	64	32	32					4/64		
	7	02010391B		4	64	32	32					4/64		
	8	02010401B		4	64	32	32					4/64		
				48	784	392	392							
				18	292	146	146	0	0	2/36	0	16/256	0	
				18	292	146	146	0	0	2/36	0	16/256	0	
	1	02010080C		1	32	0	32		32					
	2	02010340B		4	72	36	36			4/72				1+X
	3	02010330B		2	48	16	32				3/48			
	4	02010320C		12	336	0	336						336	
				19	488	52	436	0	0/32	4/72	3/48	0	0/336	
				19	488	52	436	0	0/32	4/72	3/48	0	0/336	
				98	1848	774	1074	12/168	17/360	20/360	19/304	20/320	0/336	
					2600	1176	1424	24/432	25/558	28/532	22/414	20/328	0/336	
				139										

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PLC

CAD/CAM

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				1
				2
2				10
				5
3	PLC	PLC	PLC	60
4				60
5		HM	PLC	60
				1
6			ABB	4
				12
				60
7				60
			2KW	60
8				60
9	CAD/CAM	Aut oCAD	CAD/CAM	60
10				60
				3
11		3D		34
			3D	8
12				20

13				36
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B

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			100	

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	<p>1.</p> <p>https://www.cnmooc.org/portal/myCourseIndex/1.mooc</p> <p>https://www.cnmooc.org/portal/course/6315/20438.mooc</p> <p>https://www.xueyionline.com/detail/227712248</p> <p>2</p> <p>https://www.icourse163.org/</p> <p>https://mooc.icve.com.cn/</p>

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