

铁道供电技术

2023 级人才培养方案



哈尔滨铁道职业技术学院

铁道供电技术专业人才培养方案（2023 级）

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50	5001	53	1. (2-02-17-05) 2 (6-28-01-14) 3. (6-29-02-13) 4. (6-31-01-08)	1. 2 3 4.	1. 2.

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1		1. 2. 3. 4. 5.	1. 2. 3. 4. 5. 6. 7. 8. 9.	1. 2. 3.
2				1. 2.
3		1. " " 2. " "	1. 2. 3.	1. 2.
4		1. 2. 3.		1. 2. 3.

5		1. 2. 3.	1. 2. 3. 4. " "	1. 2. 3.
6		1. 2. 3.	1. 2. 3. 4. 5. " " " " 6. 7. " "	1. 2. 3.
7		1. 2. 3. " " " " " " " "		1. 2. 3.

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1	/CAD	1. 2. 3. 4. 5. CAD	1. 2. 3. 4. CAD	1. 2. 3.
2		1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	1. 2. 3. 4. 5. 6. 7. 8. 9.	1. 2. 3.
3		1. 2. 3. 4. 5.	1. 2. 3.	1.

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1		1. 2. 2C 3. 4. 5.	1C 4C	1. 2. 3. 4. 6C 5. 6. 7. 8.
2		1. 2. 3. 4. 5.		1. 2. 3. 4. 5. 7.
3		1. 2. 3. 4.		1. 2. 3. 4. 5. 6.

4		<ol style="list-style-type: none"> 1. 2. 	<ol style="list-style-type: none"> 1. 2. 3. 4. 	<ol style="list-style-type: none"> 1. 2. 3.
5		<ol style="list-style-type: none"> 1. 	<ol style="list-style-type: none"> 1. 2. 3. DJJ-8 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 	<ol style="list-style-type: none"> 1. 2. 3. 4.
6		<ol style="list-style-type: none"> 1. 	<ol style="list-style-type: none"> 1. (2017) 25 2. 3. () 4. 5. 6. 7. (2009) 39 	<ol style="list-style-type: none"> 1. 2. 3. 4.

7		1. 2. 3.	1. 2. 3. 4. 5. 6.	1. 2. 3. 4.
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1	PLC	1. 2. 3. 4. 5. 6. PLC	1. 2. - 3. FX PLC 4. PLC	1. 2. 3. 4.
2		1. 2. 3.	1. 2. 3. 4. TDCS CTC 5.	1. 2. 3. 4.
3		1. 2. 3.	1. 2. 3.	1. 2.

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	20	20	13	1	3	1	1					1
	20	20	18			1						1
	20	20	18			1						1
	20	20	18			1						1
	20	20	12					4	4			
	20	20	0							14	6	
	120	120	79	1	3	4	1	4	4	14	6	4

									1	2	3	4	5	6
									13+7	18+2	18+2	18+2	12+8	20
1					1	18	0	18	1					
2					3	48	0	48	2					
3					1.5	24	0	24	1					
4				*	1	16	16	0	1					
5					1	18	18	0		1				
6					6	108	0	108	2	2	2	2		
7					3	48	32	16	4*12					
8					2	32	24	8			2*16			
9					2	32	32	0	4*2	4*2	4*2	4*2		
10					3	48	40	8		4*12				
11					5	98	98	0	2	4				
12					5	88	88	0	4	2				
13					1	16	16	0				2*8		

14				2	32	32	0		2				
15				2	32	0	32			2			
16				1	18	18	0				2*9		
17				3	52	26	26	4*13					
18				2	32	24	8	2					
19				1	16	12	4	1					
20				2	5	40	0	40	1	1	1	1	
21				3	48	48	0	1	1	1	1		
				51	864	524	340						
22			#	3	52	20	32	4					
23			#	4	72	72	0		4				
24			#	7	124	100	24	4	4				
25			#	4	72	72	0			4			
26			#	4	72	52	20		4				
27			#	2	24	16	8		2				
28	/CAD			4	72	0	72				4		
				28	488	332	156						
29			#	8	144	72	72			4	4		
30			#	4	72	44	28			4			
31			#	6	108	48	60			6			
32			#	4	72	56	16			4			
33			#	4	72	36	36				4		
34			#	4	72	52	20				4		
35				8	144	0	144				8		
				38	684	308	376						
36	PLC			3	48	48	0					4*12	
37				3	48	48	0					4*12	
38				3	48	48	0					4*12	
39				3	48	48	0					4*12	

40				3	48	48	0					4*12	
41				3	48	48	0					4*12	
42				3	48	48	0					4*12	
43				3	48	48	0					4*12	
44				3	48	48	0					4*12	
45				3	48	48	0					4*12	
46				3	48	48	0					4*12	
47				3	48	48	0					4*12	
48				3	48	48	0					4*12	
49				3	48	48	0					4*12	
50				3	48	48	0					4*12	
51				3	48	48	0					4*12	
52				4.5	80	0	80					4	
53				4.5	80	0	80					4	
54				15. 5	280	0	280						14
55				4.5	80	0	80						6
				41	712	192	520						
				158	2748	1356	1392	28	30	29	31	16	0

Възвръщане на



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	1. 2
	1. 2 3 4 5 6
	1. 2 3 4 5 1
	1. 2 3

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1		1. 50 2. 5 3. 5 4. 5	200m ²	55	1. 2. 3.
2		1. 20	100m ²	55	1. 2. 3. 4. 5. 6. 7.
3		1. 30 2. 30 3. 60	100m ²	55	1. 2.
4		1. 2.	127m ²	55	1. 2. 3. 4.
5		1. 2. 3. 4. 5.	800m ²	55	1. 2. 3. 4. 5. 6. 7. 8.
6		1. 2. 3. 4. 2	180m ²	55	1. 2. 3. 4.
7		1. 2.	200m ²	55	1. 2. 3. 4.
8		1. 2. 3. 4. 5.	55m ²	55	1. 2. 3. 4. 5.

9			400m ²	55	1. 2. 3.
10			100m ²	55	1. 2. 3.
11			500m ²	100	
12			200m ²	55	
13			100m ²	55	
14					
15		1. 2. 3. 4. 5. 25	200m ²	55	1. 2. 3. 4. 5.

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