



湖南商务职业技术学院

Hunan Vocational College of Commerce

2020 级专业人才培养方案制订与审核表

专业名称	人工智能技术服务
专业代码	610217
专业建设委	人工智能技术服务专业建设委员会按照教育部、省教育厅相关文件精神，经会议研讨后，由专业负责人组织专业骨干教师团队起草制定本人才培养方案。 2020.6.10



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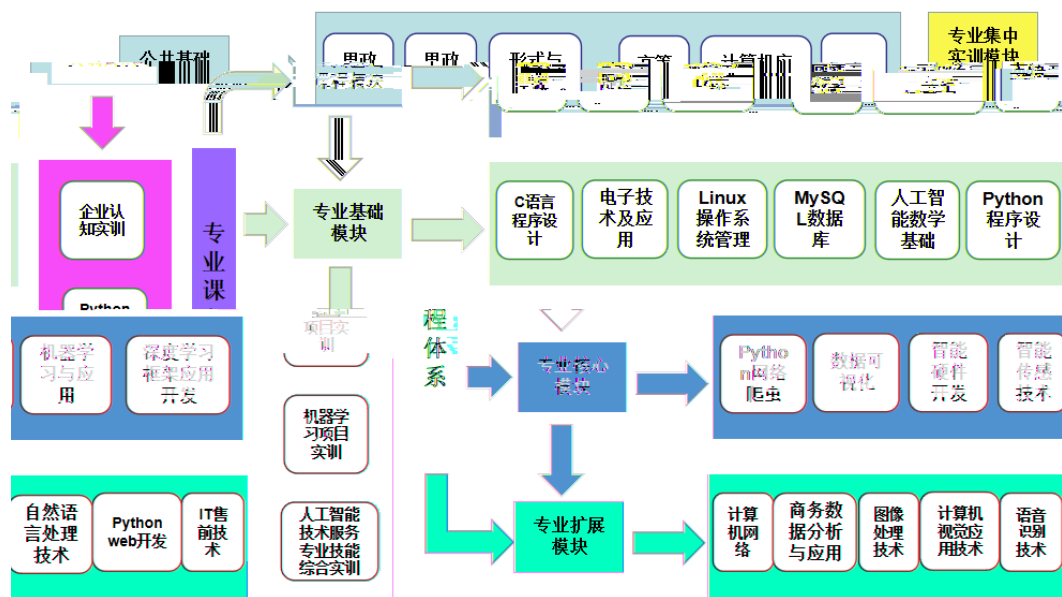
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Python

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Python

Pandas

NumPy

Matplotlib
scikit-learn

Numpy

Matplotlib

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scikit-learn

numpy pandas

dataframe

Numpy

Pandas

DataFrame

Matplotlib

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Python

HTTP

HTTP

Cookie

urllib3

Requests

HTTP

Chrome

Xpath

Beautiful Soup

JSON

Ajax

app

pyspider

Scrapy

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ARM

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STM32

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Python

Python
NumPy pandas pandas
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API Python PIL TensorFlow
API API

TensorFlow

SoftMax

TensorBoard

TensorBoard

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移动互联通信设备、多媒体、网络、空间 等信息化手段实施教学

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		2	0	0	0	0	0	2
		0	1	1	1	3	0	6
		0	0	0	0	9	15	24
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		21	19	20	20	24	16	120
		5	7	6	7	0		25
		26	26	26	27	24	16	145

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											1	2	3			4	5	6
											18	17	18			18	11	0
1		0601025	A	3.0	48	48		3						1				
2		0601024	A	3.0	48	48			4*12					2				
3		0601046	C	1.0	16		16		4*4					2				
4		0601028	A	1.0	40	40		2*4	2*4	2*4	2*4	2*4		5				
5		0801001	C	2.0	112		112	2										
6		0801215	A	2.0	36	36					2			4				
7		0603001	B	2.0	32	4	28	2*16						1				
8		0603002	B	2.0	32	4	28		2*16					2				
9		0603003	B	2.0	32	4	28			1				3				
10		0603004	B	1.0	16	4	12				1*16			4				
11		0601039	A	2.0	32	32					2*16			4				
12		0601070	A	1.0	16	16		2*8						1				
13		0601071	A	1.0	16	16					2*8			4				
14		0801080	A	2.0	32	32			2*8					2				
15		0801216	A	1.0	16	16			2*8					2				
16		0801216	C	1.0	28		28							5				
				27.0	552	300	252	5	6	2	6	0						
17		0601072	A	1.0	16	16			1					2				
18		0601069	A	1.0	16	16			1					2				
19		0201241	A	2.0	32	32		2						1				
20		0201232	A	1.0	16	16		1						1				
21		0201039	A	3.0	48	48		3						1				
22		0201039	A	3.0	48	48		3						1				
23		0203001	B	2.0	32	24	8	2						1				
24		0203002	B	2.0	32	24	8		2					2				
25		0602013	A	3.0	48	48		3						1				
26		0602001	A	3.0	48	48		3						1				
27		0602023	A	3.0	48	48		3						1				
28		0401001	B	2.5	40	20	20		3					2	2.5			
29		0401129	B	2.5	40	20	20		3					2				
30		0801080	B	1.0	16	8	8	2*4	2*4					2	1			
31		0801217	A	1.0	16	16								2				
				14.5	232	188	44	8	6	0	0	0	0					
1																		
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				4.0	64	64		0	0	0	0	0	0					
				45.5	848	552	296	13	12	2	6	0	0					

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						1	2	3	4	5	6			18	17	18
1		0403002	B	4	64	16	48	4						1		
2		0406314	B	6	96	32	64	6						1		
3		0403110	B	4	64	16	48		4					2		
4			B	4	64	32	32		4					2		
5			B	4	64	32	32		4						2	
6			B	4.5	72	24	48			6				3		
				26.5	424	152	272	10	12	6	0	0	0			
1			B	4	64	16	48			4				2		
2			B	5	80	20	60			6				3		
3			B	5	80	20	60				6			4		
4			B	4	64	16	48					6		5		
5			B	5	80	20	60				6			4		
6			B	4	64	16	48					6		5		
				27	432	108	324	0	0	10	12	12	0			
				53.5	856	260	596	10	12	16	12	12	0			

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