



# 湖南商务职业技术学院

*Hunan Vocational College of Commerce*

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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。



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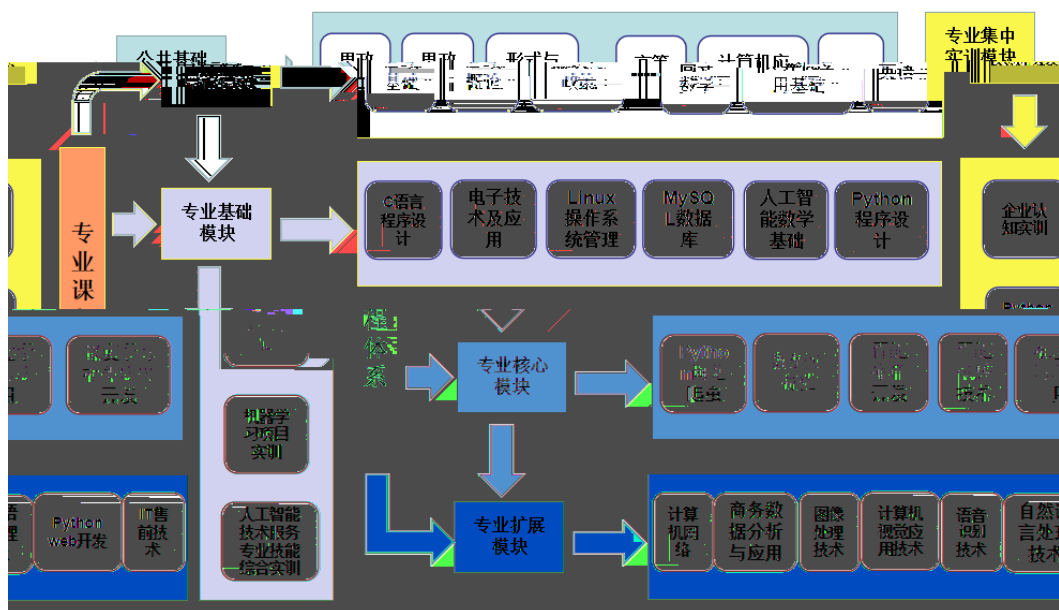
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Python

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Python

Pandas

NumPy

Matplotlib  
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Matplotlib

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Numpy

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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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80

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ARM

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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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		18	17	18	18	11	0	82
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		0	1	1	1	3	0	6
		0	0	0	0	9	15	24
		1	1	1	1	1	1	6
		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		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		
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	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		
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					27	432	108	324	0	0	10	12	12	0				
					<b>53.5</b>	<b>856</b>	<b>260</b>	<b>596</b>	<b>10</b>	<b>12</b>	<b>16</b>	<b>12</b>	<b>12</b>	<b>0</b>				

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			B	4	64	20	44				4		4
			B	4	64	20	44				4		4
			B	4	64	20	44					6	5
			B	4	64	20	44					6	5
			B	4	64	20	44					6	5
			B	4	64	20	44					6	5
				15	240	84	156	0	0	4	4	12	0
1			C	1	28	0	28		1				2
2			C	1	28	0	28			1			3
3			C	1	28	0	28				1		4
4			C	4	112	0	112					3	5
5		0801002	C										
6		0102073	C	6	28	0	28					0.5	0.5
7		0801003	C	24	672	0	672					9	15
				37	896	0	896	0	1	1	1	12.5	16
				52	1136	84	1052						










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