



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

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| 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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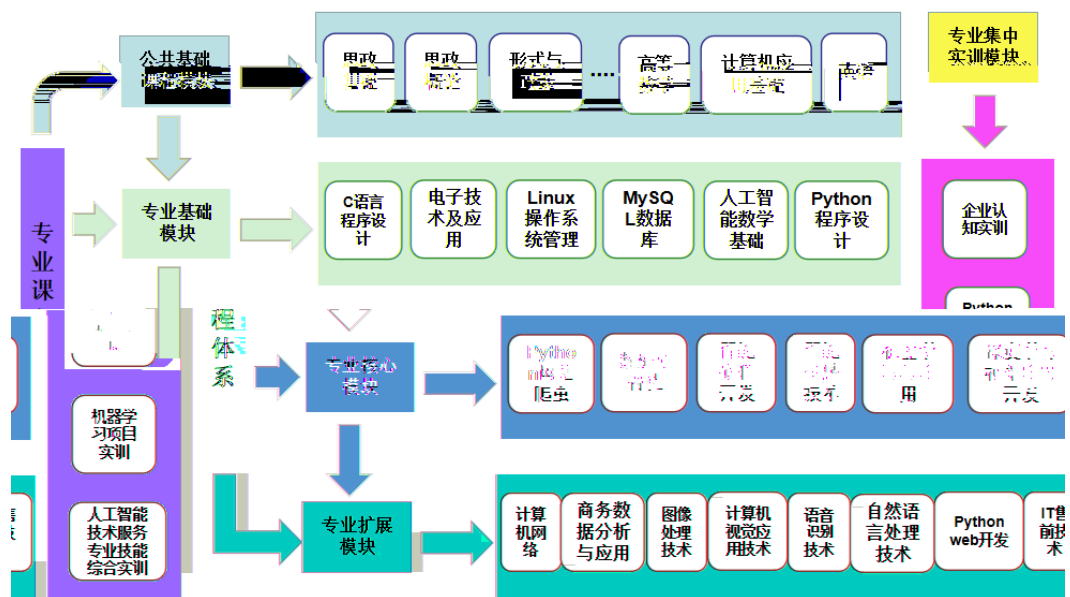
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Python

HTTP

HTTP

Cookie

urllib3

Requests

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Beautiful Soup

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ARM

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Python

Python
NumPy pandas pandas
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API Python PIL TensorFlow
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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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| | | 0 | 1 | 1 | 1 | 3 | 0 | 6 |
| | | 0 | 0 | 0 | 0 | 9 | 15 | 24 |
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| | | | | | | | | | | | 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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| | | | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | |
| | | | | | | | | 18 | 17 | 18 | 18 | 11 | 0 | |
| | | | B | 3 | 48 | 24 | 24 | | | 4 | | | | 3 |
| | | | B | 3 | 48 | 24 | 24 | | | 4 | | | | 3 |
| | | | 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 | 6 |
| 7 | | 0801003 | C | 24 | 672 | 0 | 672 | | | | | 9 | 15 | 6 |
| | | | | 37 | 896 | 0 | 896 | 0 | 1 | 1 | 1 | 12.5 | 16 | |
| | | | | 52 | 1136 | 84 | 1052 | | | | | | | |

表六 课程教学进程安排表

| 学期 | 序号 | 课程名称 | 总学时 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 备注 |
|------------------|--|------------------|---------|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|----|----|--------|---------|
| 第 五 学 期 | 1 | 形势与政策（五） | 8 hours | | | | | | | | | | | | | | | ⊙ | | | | | | | |
| | 2 | 智能传感技术 | 64 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 | | | | ⊙ | | | | | | | |
| | 3 | 深度学习框架应用开发 | 64 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 | | | | ⊙ | | | | | | | |
| | 4 | 图像处理技术/计算机视觉应用技术 | 64 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 | | | | ⊙ | | | | | | | |
| | 5 | 语音识别技术/自然语言处理技术 | 64 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 4 | | | | ⊙ | | | | | | | |
| | 6 | 人工智能技术服务专业技能综合实训 | 84 | | | | | | | | | | | | | | | | 28 | 28 | 28 | ⊙ | | | |
| | 7 | 毕业教育 | | | | | | | | | | | | | | | | | | | ⊙ | | | | |
| | 8 | 毕业设计 | 14 | | | | | | | | | | | | | | | | | | ⊙14 | | | | |
| | 9 | 毕业实习 | 252 | | | | | | | | | | | | | | | | | | ⊙ | | | | 第16-24周 |
| | | 小计 | | | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 24 | 16 | 28 | 28 | 28 | | | | | | 第16-24周 |
| 第 六 学 期 | 1 | 毕业实习 | 420 | | | | | | | | | | | | | | | | | | ⊙ | | | | |
| | 2 | 毕业设计 | 14 | | | | | | | | | | | | | | | | | | ⊙14 | | | | |
| | | 小计 | | | | | | | | | | | | | | | | | | | | | | 第1-15周 | |
| 参照 | 备注：①各专业公共基础课程（含必修、限选）开课学期不同，请教研室根据《关于制订2020级专业人才培养方案实施计划的原则意见》（湘商职院发〔2019〕67号）本表调整、设置。 | | | | | | | | | | | | | | | | | | | | | | | | |
| | ②各专业公共基础限选课程，请教研室根据专业需要及附表2的选修规定进行选择。 | | | | | | | | | | | | | | | | | | | | | | | | |

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