




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 | 大数据技术与应用 |
| 专业代码 | 610215 |
| 专业建设委员会 | <p>大数据技术与应用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制定本人才培养方案。</p> <p style="text-align: center;">  张吉尔 彭顺生 签名：彭顺生 张吉尔 刘涛 2019年10月24日 </p> |
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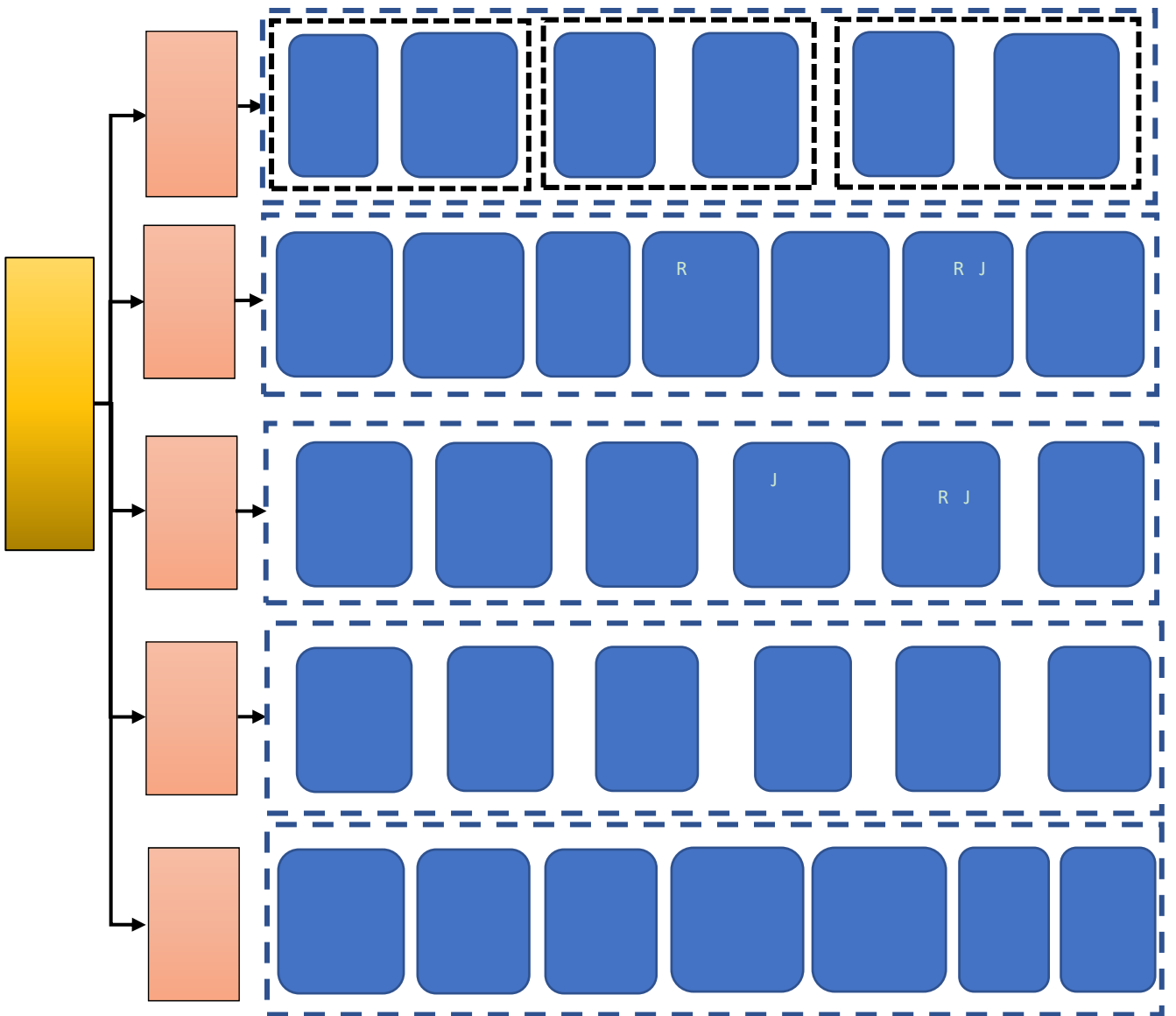
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(四) 教学方法

1. 原则要求

2. 具体要求

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| | | 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 |
| | | | | | | | | |

| | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | |
|----|---------|---|-----|------|-----|-----|------|------|------|-----|-----|---|
| | | | | | | 18 | 17 | 17 | 18 | 9 | 0 | |
| 1 | 0601025 | A | 3.0 | 48 | 48 | | | 3*16 | | | | 2 |
| 2 | 0601024 | A | 3.0 | 48 | 48 | | 4*12 | | | | | 1 |
| 3 | 0601046 | C | 1.0 | 16 | | 16 | 4*4 | | | | | 1 |
| 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 | | | | | 4*9 | | 5 |
| 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 | | | 2*16 | | | 3 |
| 10 | 0603004 | B | 1.0 | 16 | 4 | 12 | | | 1*16 | | | 4 |
| 11 | 0601039 | A | 2.0 | 32 | 32 | | 2*16 | | | | | 2 |
| 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 | | | 3 |
| 15 | 0801216 | A | 1.0 | 16 | 16 | | 2*8 | | | | | 1 |
| 16 | 0801217 | C | 1.0 | 28 | | 28 | | | | | | 5 |
| | | | | 27.0 | 552 | 300 | 252 | 10 | 5 | 4 | 3 | 4 |
| 17 | 0601072 | A | 1.0 | 16 | 16 | | 2*8 | | | | | 1 |
| 18 | 0601069 | A | 1.0 | 16 | 16 | | 2*8 | | | | | 1 |
| 19 | 0201241 | A | 2.0 | 32 | 32 | | | 2*16 | | | | 2 |
| 20 | 0201232 | A | 1.0 | 16 | 16 | | | 1 | | | | 2 |
| 21 | 0201039 | A | 3.0 | 48 | 48 | | | 3 | | | | 2 |
| 22 | 0201039 | A | 3.0 | 48 | 48 | | | 3 | | | | 2 |
| 23 | 0203001 | B | 2.0 | 32 | 24 | 8 | 2*16 | | | | | 1 |
| 24 | 0203002 | B | 2.0 | 32 | 24 | 8 | | 2 | | | 2 | 2 |
| 25 | 0602013 | A | 3.0 | 48 | 48 | | | 3 | | | | 2 |

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| | | 18 | 17 | 17 | 18 | 9 | 0 | | | | | | | | | | |
| 1 | | | B | 4 | 64 | 32 | 32 | 4*16 | | | | | | 1 | | | |
| 2 | | | B | 4 | 64 | 32 | 32 | 4*16 | | | | | | 1 | | | |
| 3 | Python | | B | 4.5 | 72 | 36 | 36 | | 6*12 | | | | | 2 | | | |
| 4 | | | B | 4 | 64 | 32 | 32 | | 4*16 | | | | | 2 | | | |
| 5 | | | B | 4 | 64 | 32 | 32 | | 4*16 | | | | | 2 | | | |
| 6 | Java | | B | 5 | 80 | 40 | 40 | | | 6*14 | | | | 3 | | | |
| | | | | 26 | 408 | 204 | 204 | 8 | 14 | 6 | 0 | 0 | 0 | | | | |
| 1 | Python | | B | 5 | 80 | 40 | 40 | | | 6*14 | | | | 3 | | | |
| 2 | | | B | 6 | 96 | 48 | 48 | | | 6*16 | | | | 3 | | | |
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| 7 | | | B | 3 | 48 | 24 | 24 | | | | | 6*8 | | 5 | | | |
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| | Python+Mysql | | C | 1 | 28 | | 28 | | 1 | | | | | 2 | |
| | Hadoop | | C | 2 | 56 | | 56 | | | 2 | | | | 3 | |
| | Spark | | C | 1 | 28 | | 28 | | | | 1 | | | 4 | |
| | | | C | 2 | 56 | | 56 | | | | | 2 | | 5 | |
| | | | C | 3 | 84 | | 84 | | | | | 3 | | 5 | |
| | | 0801002 | C | | | | | | | | | | | | |
| | | 0102073 | C | 6 | 28 | 0 | 28 | | | | | 0.5 | 0.5 | 6 | |
| | | 0801003 | C | 24 | 672 | 0 | 672 | | | | | 9 | 15 | 6 | |
| | | | | 39 | 952 | 0 | 952 | 0 | 1 | 2 | 1 | 14.5 | 16 | | |
| | | | | 50 | 1128 | 88 | 1040 | | | | | | | | |
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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 | Hive编程技术与应用 | 48 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | | | | | | ⊙ | | | | | | | |
| | 3 | 计算机网络/软件测试技术 | 48 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | | | | | | | ⊙ | | | | | | | 2选1 |
| | 4 | IT售前技术/商务数据分析与应用 | 64 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | 8 | | | | | | | ⊙ | | | | | | | 2选1 |
| | 5 | 军事理论 | 32 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | | | | | | ⊙ | | | | | | | |
| | 6 | 大数据专业技能综合实训 | 56 | | | | | | | | | | | 28 | 28 | | | ⊙ | | | | | | | |
| | 6 | 大数据项目企业级实训 | 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 | 4 | 28 | 28 | 28 | 28 | 28 | | 第16-24周 | | | | | | |
| 第六学期 | 1 | 毕业实习 | 420 | 第1-15周 | | | | | | | | | | | | | | ⊙ | | | | | | | |
| | 2 | 毕业设计 | 14 | | | | | | | | | | | | | | | | ⊙14 | | | | | | |
| | | 小计 | | 第1-15周 | | | | | | | | | | | | | | | | | | | | | |

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）参照本表调整、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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