

机械制造及其自动化

Mechanical Engineering

第1学期 1st Semester

| 课程性质 | 课程名称 | Course Name | 总学时 Hours | 学分 Credits |
|-----------------------------------|-----------|-----------------------------------|--------------|---------------|
| 公共基础课 Fundamental | 综合汉语 | Comprehensive Chinese | 36 | 2.0 |
| | 中国概况 | Introduction to China | 36 | 2.0 |
| | 数值分析 | Numerical analysis | 45 | 2.5 |
| 专业基础课 Technical Fundamental | CAD/CAM技术 | CAD/CAM Technology | 54 | 3.0 |
| | 机械设计理论及技术 | Moder Machinery Design and Theory | 54 | 3.0 |
| Sub Total | | | | 12.5 |

第2学期 2nd Semester

| 课程性质 | 课程名称 | Course Name | 总学时 Hours | 学分 Credits |
|----------------------|--------|---------------------------------|--------------|---------------|
| 公共基础课 Fundamental | 综合汉语 | Comprehensive Chinese | 36 | 2.0 |
| | 矩阵理论 | Matrix theory | 45 | 2.5 |
| | 科技论文写作 | Technical Paper Writing | 18 | 1.0 |
| 专业课 Technical | 现代制造技术 | Modern manufacturing techniques | 54 | 3.0 |
| | 机器人学 | Robotics | 36 | 2.0 |
| | 现代测试技术 | Modern Measurement Technical | 54 | 3.0 |
| Sub Total | | | | 13.5 |

选修课

第1学期 1st Semester

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| | 塑性成型原理与工艺 | Plastic molding Principles and Technology | 54 | 3.0 |
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| 专业基础课 Technical Fundamental | 分布式操作系统 | Distributed Operating System | 54 | 3.0 |
| | 计算机网络体系结构 | Computer Network Architecture | 54 | 3.0 |
| | 嵌入式系统 | The Embedded System | 54 | 3.0 |
| | SPSS统计分析 | SPSS Statistics Analysis | 54 | 3.0 |
| | 企业战略管理 | Corporate Strategy | 36 | 2.0 |
| | 中级经济学 | Intermediate Economics | 54 | 3.0 |
| | 国际商法 | International Business Law | 36 | 2.0 |
| | | | | 22.0 |

第2学期 1st Semester

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|-----------------------------------|---------------|------------------------------------------------------|----|-------------|
| 专业基础课 Technical Fundamental | 计算机辅助飞机几何造形技术 | Computer aided aircraft geometric shaping technology | 54 | 3.0 |
| | 国际电子商务 | International E-Business | 36 | 2.0 |
| | 财务管理 | Financial Management | 54 | 3.0 |
| | 资本运营 | Capital Operation | 36 | 2.0 |
| 选修课 Compulsory Elective | 企业资源计划 | Enterprise Resource Planning | 36 | 2.0 |
| | 企业管理咨询与诊断 | Enterprise Management Consultant and Diagnosis | 36 | 2.0 |
| | | | | 14.0 |
| | 工程管理与准则 | Engineering Management and Ethics | 36 | 2.0 |
| | 有限元结构分析 | Finite Element Method for Structural Analysis | 36 | 2.0 |
| | 飞机建模与仿真 | Aircraft modeling and simulation | 36 | 2.0 |
| | | | | 6.0 |
| Sub Total | | | | 68.0 |

第二学年 Second Year (1.5year)

| 课程性质 | 课程名称 | Course Name | 总学时 Hours | 学分 Credits |
|------|------|-------------|--------------|---------------|
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| | 学术报告及科研实践 | Lecture Activity | 36 | 2.0 |
| | 学位论文 | Project & Thesis | | |
| Sub Total | | | | 2.0 |
| Total | | | | 70.0 |