材料成型及控制工程专业（专升本）主要课程

材料成型及控制工程专业（专升本）主要课程设置及教学进程表见下表所示：

|  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **课程**  **类别**  **Type of Course** | | **课程**  **编码**  **Course Code** | **课程名称**  **Name of Course** | **学分Credit** | **总学时**  **Total Hours** | **实践**  **学时**  **Practice Hours** | **各学期周学时数**  **Weekly Hours of Every Semester** | | | | **考核**  **方式**  **Examination Mode** | **备注**  **Remarks** |
| **一** | **二** | **三** | **四** |
| **18周** | **18周** | **18周** | **18周** |
| **通识教育课**  General Education Coursess | **必修课**  Compulsory Coursess | B000000001 | 中国近现代史纲要  History of Recent & Modern China | 2 | 32 |  | 2 |  |  |  | 考查 |  |
| B000000002 | 马克思主义基本原理  Basic Principle of Marxism | 3 | 48 |  |  | 3 |  |  | 考试 |  |
| B000000003 | 大学英语(专升本)  College English | 3 | 48 | 10 |  | 4 |  |  | 考试 |  |
| B000000004 | 工程数学(专升本)  Engineering Mathmatics | 3 | 48 |  | 3 |  |  |  | 考查 |  |
| B000000005 | 形势与政策  Form and Policy | 2 | 32 |  |  |  | 3 |  | 考查 |  |
| **B000000052** | 国家安全教育  National Security Education | 1 | 16 | 4 |  |  |  |  | 考查 |  |
| **选修课**  Optional Courses |  | 人文素养选修课  Humanity literacy elective course | 4 | 64 |  | 统一安排 | | |  | 考查 |  |
| **通识课程小计** | | | | **18** | **288** | **14** | **5** | **7** | **3** |  |  |  |
| **专业基础课**  Professional  Basic  Courses | **必修课**  Compulsory Courses | B0101Z0025 | 模具设计与制造  Mould design and manufacture | 3 | 48 | 24 | 4 |  |  |  | 考试 |  |
| B0101Z0026 | 工程材料成型基础  Foundation of engineering material forming | 3 | 48 | 24 |  | 4 |  |  | 考试 |  |
| B0101Z0027 | 金属学与热处理  Metal science and heat  treatment | 3 | 48 | 16 | 4 |  |  |  | 考试 |  |
| B0101Z0028 | 材料力学  Mechanics of materials | 3 | 48 | 12 | 6 |  |  |  | 考试 |  |
| B0101Z0029 | 模具三维实体建模与设计（solidworks）  Mould 3D Solid Modeling and Design（solidworks） | 4 | 64 | 40 |  | 6 |  |  | 考试 |  |
| **专业基础课小计** | | | | **16** | **256** | **116** | **14** | **10** |  |  |  |  |
| **专业课**  Professional  Courses | **必修课**  Compulsory Courses | B0101Z0030 | 特种加工技术  Special Machining Technology | 3 | 48 | 24 | 4 |  |  |  | 考查 |  |
| B0101Z0031 | 冷冲压工艺与模具设计  Cold stamping process and die design | 2 | 32 | 18 |  | 4 |  |  | 考试 |  |
| B0101Z0032 | 材料分析技术  Material analysis technology | 3 | 48 | 16 |  | 4 |  |  | 考查 |  |
|  | B0101Z0037 | 典型材料项目综合实例 | 2 | 32 | 16 |  |  | 4 |  | 考查 |  |
| B0101Z0038 | 材料学概论 | 2 | 32 | 16 |  | 4 |  |  | 考试 |  |
| B0101Z0039 | PLC综合应用  PLC comprehensive application | 3 | 48 | 24 |  |  | 3 |  | 考试 |  |
| **专业必修课小计** | | | **15** | **240** | **114** | **4** | **12** | **7** |  |  |  |
| **选修课**  Optional Courses | B0101Z0033 | 质量管理与控制  Quality Control and Management | 3 | 48 | 12 |  |  | 6 |  | 考查 | 任选≥6学分 |
| B0101Z0034 | 控制工程基础  Fundamental of Mechanical Control Engineering | 3 | 48 | 12 | 4 |  |  |  | 考查 |
| B0101Z0035 | 科技论文写作  Technical paper writing | 2 | 32 | 16 |  |  | 4 |  | 考查 |
| B0101Z2018 | 专业英语 | 2 | 32 | 16 |  |  | 4 |  |  |
| **选修课程小计** | | 10 | 160 | 56 | 4 | 0 | 14 |  |  |  |
| **专业课程小计** | | | **25** | **400** | **170** | **8** | **8** | **18** |  |  |  |
| **总计** | | | | **59** | **944** | **300** | **27** | **29** | **25** |  |  |  |

如有调整，以最新为准。