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电气工程及其自动化专业课程归属

表1 电气工程及其自动化专业课程归属（公共基础课程）

| **课程类别** | **课程性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 公共基础 | 必修 | 1 | 0000088 | 思想道德与法治  Ideological Morality and Rule of Law | 2 |  | 马院 |
| 2 | 0000089 | 马克思主义基本原理  Basic Principles of Marxism | 3 |  |
| 3 | 0000090 | 中国近现代史纲要  Outline of Chinese Modern History | 3 |  |
| 4 | 2118002 | 毛泽东思想和中国特色社会主义理论体系概论  An Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics | 2 |  |
| 5 | 2118001 | 习近平新时代中国特色社会主义思想概论  An Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era | 3 |  |
| 6 | 0000092 | 形势与政策  Situation and Policy | 2 |  |
| 7 | 0000005A | 大学英语I  Foreign Languages Ⅰ | 3 |  | 通识教育学院 |
| 8 | 0000006 | 大学英语II  Foreign Languages Ⅱ | 4 |  |
| 9 | 0000007 | 大学英语Ⅲ  Foreign Languages Ⅲ | 4 |  |
| 10 | 0000041 | 体育 Ⅰ  Physical Education Ⅰ | 1 |  |
| **11** | 0000042 | 体育 Ⅱ  Physical Education Ⅱ | 1 |  |
| 12 | 0000043 | 体育 Ⅲ  Physical Education Ⅲ | 1 |  |
| 13 | 0000044 | 体育 Ⅳ  Physical Education Ⅳ | 1 |  |

**续表1 电气工程及其自动化专业课程归属（公共基础课程）**

| **课程类别** | **课程性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 公共基础 | 必修 | 14 | 0000018 | 高等数学I  Advanced Mathematics I | 5 |  | 通识教育学院 |
| 15 | 0000019 | 高等数学 II  Advanced Mathematics II | 6 |  |
| 16 | 00000A3 | 信息技术应用基础  Application and Practiceof Information Technology | 1 |  |
| 17 | 0000048 | 线性代数  Linear Algebra | 2 |  |
| 18 | 0000017 | 概率论与数理统计  Probability & Statistics | 3 |  |
| 19 | 0000010 | 大学物理I  （电气信息类）  Physics I | 3 |  |
| 20 | 0000011 | 大学物理II  （电气信息类）  Physics II | 3 |  |
| 公共基础课 | 限选 | 21 | 0000101 | 大学生心理健康教育  College Students 'Mental Health Education | 1 |  |
| 22 | 0000102 | 大学生职业生涯规划  Occupational Career Planning of College Students | 1 |  |
| 23 | 0000A85 | 大学生创新创业指导  Innovation and Entrepreneurship Guidance for College Students | 1 |  | 双创院 |
| 24 | 0000084 | 大学生就业指导实务  College Student Vocational Counsel | 1 |  | 通识教育学院 |
| 25 | GXK0119 | 军事理论  Military Theory | 2 |  |
| 26 | GXK0159 | 劳动通论  General Theory of Labor | 2 |  |
| 任选 | 27 |  | 科学技术类 | 1 |  |  |
| 28 |  | 人文社会类 | 1 |  |  |
| 29 |  | 艺术教育类 | 1 |  |  |
| 30 |  | 特色通识类 | 1 |  |  |
| 31 |  | 跨文化交流类 | 1 |  |  |

**表2 电气工程及其自动化专业课程归属（专业基础）**

| **课程类别** | **课程性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 专业基础 | 必修 | 1 | 0300002 | C语言程序设计  C Language Program Design | 3 | **√** |  |
| 2 | 2103010 | 电路  Electric Circuit | 4 | **√** |  |
| 3 | 2103011 | 工程电磁场  Engineering Electromagnetism | 2 | **√** |  |
| 4 | 0300099 | 信号与系统  Signal System | 3 | **√** |  |
| 5 | 0300085 | 数字电子技术基础  Digital Electronic Technology | 3 | **√** |  |
| 6 | 0300062 | 模拟电子技术基础  Analog Electronic Technology | 3 | **√** |  |
| 7 | 2103209 | 嵌入式系统与应用\*  Embedded System and Application | 3 | **√** |  |
| 8 | 2103012 | 电气控制与可编程控制器  Electrical Control and PLC | 2 | **√** |  |
| 9 | 2103022 | 自动控制原理  Automatic Control Principle | 3 | **√** |  |
| 10 | 0300024 | 电机学\*  Electrical Machinery | 4 | **√** |  |

**表3 电气工程及其自动化专业课程归属（专业教育）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程类别** | **课程性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 专业教育 | 必修 | 1 | 2103092 | 电力系统分析\*  Electrical Engineering | 3 | **√** |  |
| 2 | 2103093 | 电力系统继电保护与自动装置  Relay Protection &Automatic Device of Power System | 2 | **√** |  |
| 3 | 0300038 | 电气设备与供用电技术\*  Electrical Equipment And Power Supply Technology | 3 | **√** |  |
| 4 | 2103013 | 电气与电子测量技术  Electrical and Electronic Measurement Technology | 2 | **√** |  |
| 5 | 2103023 | 电力电子技术  Power Electronics Technology | 3 | **√** |  |
| 6 | 0300090 | 同步电机理论  Synchronous Machine Theory | 2 | **√** |  |

**续表3 电气工程及其自动化专业课程归属（专业教育）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程类别** | **课程性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 专业教育 | 选修 | 7 | 0300087C | 数字资源检索与利用  Retrieval and Utilization of Digital Resources | 1 |  | 机械院 |
| 8 | 2103015 | 工程制图与CAD  [Engineering](javascript:;) [Drawing](javascript:;) and AutoCAD | 2 | **√** |  |
| 9 | 0300329 | PCB设计基础  Printed circuit board designer basics | 2 | **√** |  |
| 10 | 2103020 | 电气工程专业导论  Introduction to electrical engineering | 1 | **√** |  |
| 11 | 0300330 | 创新思维与创新方法  Creative Innovative thinking and innovative methods | 2 |  | 双创院 |
| 12 | 00000A5 | 大学英语 IV  Foreign Language IV | 3 |  | 通识教育学院 |
| 13 | 0300080 | 数据库应用  Application of Database | 2 | **√** |  |
| 14 | 2103097 | 电气制图  Electrical Drawing | 2 | **√** |  |
| 15 | 2103094 | 微机原理与接口技术  Principle & Interface Technique of Micro-computer | 3 | **√** |  |
| 16 | 0300154 | 计算机通信与网络  Computer Communication and Network | 2 | **√** |  |
| 17 | 0300032 | 电力系统监控与调度自动化  Power System Supervisory and Dispatching Automation | 2 | **√** |  |
| 18 | 0300530 | 虚拟仪器技术及应用  Virtual instrument technology and Application | 2 | **√** |  |
| 19 | 2103101 | 电机与电力拖动基础  Motor and Electric Drive Fundamentals | 3 | **√** |  |
| 20 | 030A507 | 专业英语（电气类）  Professional English Course | 2 | **√** |  |
| 21 | 0300064 | 配电自动化  Distribution System Automation | 2 | **√** |  |
| 22 | 2103090 | 专业综合实践  Comprehensive Professional Practice | 4 | **√** |  |

**表4 电气工程及其自动化专业集中实践课程归属**

|  | **序号** | **课程（组）**  **编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- |
| 必 修 | 1 | 0000095 | 思想道德与法治实践  Ideological Morality and Legal Practice | 1 |  | 马院 |
| 2 | 0000096 | 毛泽东思想和中国特色社会主义理论体系概论实践  Practice for Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics | 1 |  |
| 3 | 0000023 | 军事训练  Military Practice | 2 |  | 学工部 |
| 4 | 00000D3 | 信息技术应用基础实践  Application and practice of information technology | 1 | **√** |  |
| 5 | 030A203 | C语言课程设计  Course Design of C Language | 1 | **√** |  |
| 6 | 0300500 | 认识实习  Realizing Practice | 1 | **√** |  |
| 7 | 0000009D | 物理实验（电气信息类）  Physics Experiments（Electrical） | 1.5 |  | 通识教育学院 |
| 8 | 0300034 | 电路实验  Experiment of Electric Circuit | 1.5 | **√** |  |
| 9 | 2104300 | 金工实习  Metal working Practice | 1 |  | 机械院 |
| 10 | 0300020 | 电工电子工艺实践  Technology Practice of Electrical& Electronic | 1 | **√** |  |
| 11 | 0300116 | 信号与系统实验  Experiment of Signal and System | 1.5 | **√** |  |
| 12 | 0300061 | 模拟电路实验  Analog Circuit Experiment | 1.5 | **√** |  |
| 13 | 0300084 | 数字电路实验※  Digital Circuit Experiment | 1.5 | **√** |  |
| 14 | 2103021 | MATLAB仿真与设计  Simulation and Design of MATLAB | 1.5 | **√** |  |
| 15 | 0300025 | 电机学实验  Electro-mechanics Experiment | 1.5 | **√** |  |
| 16 | 0300103 | 自动控制原理实验  Experiment of Automatic Control Principles | 1 | **√** |  |
| 17 | 2103030 | 嵌入式系统实验  Embedded system Experiment | 2 | **√** |  |
| 18 | 2103024 | 电力电子技术实验  Experiment of Power Electronics | 1 | **√** |  |
| 19 | 2103017 | 电气控制与可编程控制器综合实践  Experiment of Electrical Control Technology | 2 | **√** |  |
| 20 | 2103018 | 嵌入式系统综合实践  Integrated practice of embedded system | 2 | **√** |  |
| 21 | 2103096 | 电力系统分析课程设计  Course Design of Electrical Engineering | 1.5 | **√** |  |
| 22 | 0300501 | 毕业实习  Graduation Practice | 2 | **√** |  |
| 23 | 030A502 | 毕业设计（论文）  Undergraduate Design( Paper) | 14 | **√** |  |

自动化专业课程归属

**表1 自动化专业课程归属（公共基础）**

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 公共基础 | 必修 | 1 | 0000088 | 思想道德与法治  Ideological Morality and Rule of Law | 2 |  | 马院 |
| 2 | 0000089 | 马克思主义基本原理  Basic Principles of Marxism | 3 |  |
| 3 | 0000090 | 中国近现代史纲要  Outline of Chinese Modern History | 3 |  |
| 4 | 2118002 | 毛泽东思想和中国特色社会主义理论体系概论  An Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics | 2 |  |
| 5 | 2118001 | 习近平新时代中国特色社会主义思想概论  An Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era | 3 |  |
| 6 | 0000092 | 形势与政策  Situation and Policy | 2 |  |
| 7 | 0000005A | 大学英语I  Foreign Languages Ⅰ | 3 |  | 通识教育学院 |
| 8 | 0000006 | 大学英语II  Foreign Languages Ⅱ | 4 |  |
| 9 | 0000007 | 大学英语Ⅲ  Foreign Languages Ⅲ | 4 |  |
| 10 | 00000A3 | 信息技术应用基础  Application and Practice of Information Technology | 1 |  |
| 11 | 0000041 | 体育Ⅰ  Physical Education Ⅰ | 1 |  |
| 12 | 0000042 | 体育Ⅱ  Physical Education Ⅱ | 1 |  |
| 13 | 0000043 | 体育Ⅲ  Physical Education Ⅲ | 1 |  |
| 14 | 0000044 | 体育Ⅳ  Physical Education Ⅳ | 1 |  |
| 15 | 0000018 | 高等数学I  Advanced Mathematics I | 5 |  |
| 16 | 0000019 | 高等数学 II  Advanced Mathematics II | 6 |  |

**续表1 自动化专业课程归属（公共基础）**

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 公共基础 | 必修 | 17 | 0000048 | 线性代数  Linear Algebra | 2 |  | 通识教育学院 |
| 18 | 0000017 | 概率论与数理统计  Probability & Statistics | 3 |  |
| 19 | 0000010 | 大学物理I（电气信息类）  Physics I | 3 |  |
| 20 | 0000011 | 大学物理II（电气信息类）  Physics II | 3 |  |
| 公共基础 | 选修 | 21 | 0000101 | 大学生心理健康教育  College Students 'Mental Health Education | 1 |  |
| 22 | 0000102 | 大学生职业生涯规划  Occupational Career Planning of College Students | 1 |  |
| 23 | 0000A85 | 大学生创新创业指导  Innovation and Entrepreneurship Guidance for College Students | 1 |  | 双创院 |
| 24 | 0000084 | 大学生就业指导实务  College Student Vocational Counsel | 1 |  | 通识教育学院 |
| 25 | GXK0119 | 军事理论  Military Theory | 2 |  |
| 26 | GXK0159 | 劳动通论  General Theory of Labor | 2 |  |
| 任选 | 27 |  | 科学技术类 | 1 |  |  |
| 28 |  | 人文社会类 | 1 |  |  |
| 29 |  | 艺术教育类 | 1 |  |  |
| 30 |  | 特色通识类 | 1 |  |  |
| 31 |  | 跨文化交流类 | 1 |  |  |

**表2 自动化专业课程归属（专业基础）**

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 专业基础 | 必修 | 1 | 2103010 | 电路  Electric Circuit | 4 | **√** |  |
| 2 | 0300099 | 信号与系统  Signal and System | 3 | **√** |  |
| 3 | 0300085 | 数字电子技术  Digital Electronic  Technology | 3 | **√** |  |
| 4 | 0300062 | 模拟电子技术  Analog Electronic  Technology | 3 | **√** |  |
| 5 | 0300002 | C语言程序设计  C Language  Program Design | 3 | **√** |  |
| 6 | 0300143 | 电机与拖动  Electrical Machine & Dragging | 3 | **√** |  |
| 7 | 0300102 | 自动控制原理\*  Automatic Control Principle | 4 | **√** |  |
| 8 | 2103209 | 嵌入式系统与应用  Embedded System and Application | 3 | **√** |  |
| 9 | 2103050 | 电气控制及PLC技术  Electric Control Techniques | 2 | **√** |  |

**表3 自动化专业课程归属（专业教育）**

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 专业教育 | 必修 | 1 | 2103023 | 电力电子技术  Power Electric Technology | 3 | **√** |  |
| 2 | 0300104 | 检测技术与仪表  Measure Technique and Instrument | 3 | **√** |  |
| 3 | 2103401 | 智能控制技术  Intelligent control technology | 2 | **√** |  |
| 4 | 2103400 | 过程控制系统\*  Process Control System | 2 | **√** |  |
| 5 | 2103403 | 运动控制系统  Motion Control System | 2 | **√** |  |
| 6 | 0300149 | 现代控制理论\*  Modern Control Theory | 2 | **√** |  |
| 7 | 030A123 | 计算机控制技术\*  Computer Control Technique | 3 | **√** |  |
| 专业教育 | 选修 | 8 | 00000A5 | 大学英语IV  Foreign Language IV | 3 |  | 通识教育学院 |
| 9 | 2103052 | 自动化专业导论  Introduction to Automation | 1 | **√** |  |
| 10 | 0300080 | 数据库应用  Application of Database | 2 | **√** |  |
| 11 | 2103402 | 水利（泵站、闸站）自动化  Water conservancy automation | 1.5 | **√** |  |
| 专业教育 | 选修 | 12 | 2103053 | 现场总线  Field Bus | 2 | **√** |  |
| 13 | 2103054 | 组态控制  Configuration Control | 2 | **√** |  |
| 14 | 2103070 | 微机原理与接口技术  Microcomputer Principle & Inter- face Technology | 3 | **√** |  |
| 15 | 0300530 | 虚拟仪器技术及应用  Virtual instrument technology and Application | 2 | **√** |  |
| 16 | 0300154 | 计算机通信与网络  Computer Communication and Network | 2 | **√** |  |
| 17 | 0300151 | 工厂供电  Factory Power Supply | 1.5 | **√** |  |
| 18 | 2103015 | 工程制图与CAD  [Engineering](javascript:;) [Drawing](javascript:;) and AutoCAD | 2 |  | 机械院 |
| 19 | 0300329 | PCB设计基础  Printed circuit board  Designer’s Reference：Basics | 2 | **√** |  |
| 20 | 0300087C | 数字资源检索与利用  Rtrieval and Utilization of Digital Resources | 1 |  | 机械院 |
| 21 | 0300330 | 创新思维与创新方法  Creative Innovative thinking and innovative methods | 2 |  | 双创院 |
| 22 | 030A507 | 专业英语（自动化类）  Professional English | 2 | **√** |  |
| 23 | 2103090 | 专业综合实践  Comprehensive Professional Practice | 4 | **√** |  |

**表4 自动化专业集中实践课程归属**

| **课程类别** | **序号** |  | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- |
| 必修 | 1 | 0000095 | 思想道德与法治实践  Ideological Morality and Legal Practice | 1 |  | 马院 |
| 2 | 0000096 | 毛泽东思想和中国特色社会主义理论体系概论实践  Practice for Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics | 1 |  |
| 3 | 0000023 | 军事训练  Military Practice | 2 |  | 学工部 |
| 4 | 00000D3 | 信息技术应用基础实践  Application and practice of information technology | 1 | **√** |  |
| 5 | 0000009D | 大学物理实验（电气信息类）  Physics Experiments | 1.5 |  | 通识教育学院 |
| 6 | 0300034 | 电路实验  Experiment of Electric Circuit Ⅱ | 1.5 | **√** |  |
| 7 | 0300116 | 信号与系统实验  Experiment of Signal & System | 1.5 | **√** |  |
| 8 | 0300061 | 模拟电路实验  Analog Circuit Experiment | 1.5 | **√** |  |
| 9 | 0300084 | 数字电路实验  Digital Circuit Experiment | 1.5 | **√** |  |
| 10 | 0300155 | 电机与拖动实验  Experiment of Electrical Machine & Dragging | 1 | **√** |  |
| 11 | 0300103 | 自动控制原理实验  Experiment of Automatic Control Principles | 1 | **√** |  |
| 12 | 2103024 | 电力电子技术实验  Experiment of Power Electronics | 1 | **√** |  |
| 13 | 030A203 | C语言课程设计  C programming | 1 | **√** |  |
| 14 | 0300159 | 电子技术综合设计  Course Design of Electronic  Technology | 1 | **√** |  |
| 15 | 2103030 | 嵌入式系统实验  Embedded System Experiment | 2 | **√** |  |
| 16 | 0300158 | 过程控制系统实验  Experiment of Process  Control System | 0.5 | **√** |  |
| 17 | 0300157 | 运动控制系统实验  Experiment of Motion  Control System | 0.5 | **√** |  |
| 18 | 0300162 | 过程控制系统课程设计  Course Design of Process  Control System | 1 | **√** |  |
| 19 | 2103404 | 控制系统建模与仿真  Modeling and Simulation of  Control System | 1 | **√** |  |
| 20 | 2103405 | 电气控制综合实践※  Comprehensive Practice of  Electrical Control | 1.5 | **√** |  |
| 21 | 2103018 | 嵌入式系统综合实践※  Integrated practice of Embedded System | 2 | **√** |  |
| 22 | 0300500 | 认识实习  Realizing Practice | 1 | **√** |  |
| 23 | 2103408 | 金工实习  Metal working Practice | 1 |  | 机械院 |
| 24 | 0300020 | 电工电子工艺实践  Technology Practice of  Electrochanics & Electronics | 1 | **√** |  |
| 25 | 0300501 | 毕业实习  Graduation Practice | 2 | **√** |  |
| 26 | 030A502 | 毕业设计  Undergraduate Paper | 14 | **√** |  |

通信工程专业课程归属

**表1 通信工程专业课程归属（公共基础）**

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 公共基础 | 必修 | 1 | 0000088 | 思想道德与法治  Ideological Morality and Rule of Law | 2 |  | 马院 |
| 2 | 0000089 | 马克思主义基本原理  Basic Principles of Marxism | 3 |  |
| 3 | 0000090 | 中国近现代史纲要  Outline of Chinese Modern History | 3 |  |
| 4 | 2118002 | 毛泽东思想和中国特色社会主义理论体系概论  An Introduction to Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics | 2 |  |
| 5 | 2118001 | 习近平新时代中国特色社会主义思想概论  An Introduction to Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era | 3 |  |
| 6 | 0000092 | 形势与政策  Situation and Policy | 2 |  |
| 7 | 0000005A | 大学英语I  Foreign Languages Ⅰ | 3 |  | 通识教育学院 |
| 8 | 0000006 | 大学英语II  Foreign Languages Ⅱ | 4 |  |
| 9 | 0000007 | 大学英语Ⅲ  Foreign Languages Ⅲ | 4 |  |
| 10 | 0000041 | 体育 Ⅰ  Physical Education Ⅰ | 1 |  |
| 11 | 0000042 | 体育 Ⅱ  Physical Education Ⅱ | 1 |  |
| 12 | 0000043 | 体育 Ⅲ  Physical Education Ⅲ | 1 |  |
| 13 | 0000044 | 体育 Ⅳ  Physical Education Ⅳ | 1 |  |

| **课程**  **类别** | **课程**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 公共基础 | 必修 | 14 | 0000018 | 高等数学I  Advanced Mathematics I | 5 |  | 通识教育学院 |
| 15 | 0000019 | 高等数学 II  Advanced Mathematics II | 6 |  |
| 16 | 00000A3 | 信息技术应用基础  Application and Practice of Information Technology | 1 | **√** |  |
| 17 | 0000048 | 线性代数  Linear Algebra | 2 |  | 通识教育学院 |
| 18 | 0000017 | 概率论与数理统计  Probability & Statistics | 3 |  |
| 19 | 0000010 | 大学物理I（电气信息类）  Physics I | 3 |  |
| 20 | 0000011 | 大学物理II（电气信息类）  Physics II | 3 |  |

**续表1 通信工程专业课程归属（公共基础）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| 公  共  基  础 | **课程**  **性质** | **序 号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 限  选 | 21 | 0000101 | 大学生心理健康教育  College Students 'Mental Health Education | 1 |  | 通识教育学院 |
| 22 | 0000102 | 大学生职业生涯规划  Occupational Career Planning of College Students | 1 |  |
| 23 | 0000A85 | 大学生创新创业指导  Innovation and Entrepreneurship Guidance for College Students | 1 |  | 双创院 |
| 24 | 0000084 | 大学生就业指导实务  College Student Vocational Counsel | 1 |  | 通识教育学院 |
| 25 | GXK0119 | 军事理论  Military Theory | 2 |  |
| 26 | GXK0159 | 劳动通论  General Theory of Labor | 2 |  |
| 任  选 | 27 |  | 科学技术类 | 1 |  |  |
| 28 |  | 人文社会类 | 1 |  |  |
| 29 |  | 艺术教育类 | 1 |  |  |
| 30 |  | 特色通识类 | 1 |  |  |
| 31 |  | 跨文化交流类 | 1 |  |  |

**表2 通信工程专业课程归属（专业基础）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程**  **类别** | **课程**  **性质** | **序 号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 专  业  基  础 | 必  修 | 1 | 0300002 | C语言程序设计  Practice of C Programming | 3 | **√** |  |
| 2 | 2103603 | 复变函数与积分变换  Complex Analysis & Integral Transform | 3 |  | 通识教育学院 |
| 3 | 2103010 | 电路  Electric Circuit | 4 | **√** |  |
| 4 | 0300062 | 模拟电子技术基础  Analog Electronics Technology | 3 | **√** |  |
| 5 | 0300085 | 数字电子技术基础  Digital Electronics Technology | 3 | **√** |  |
| 6 | 0300099 | 信号与系统  Signals and Systems | 3 | **√** |  |
| 7 | 0300181 | 电磁场与电磁波  Electromagnetic Field and Wave | 3 | **√** |  |
| 8 | 2103070 | 微机原理与接口技术  Microcomputer Principle & Inter- face Technology | 3 | **√** |  |

**表3 通信工程专业课程归属（专业教育）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程**  **类别** | **课程**  **性质** | **序 号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 专  业  教  育 | 必  修 | 1 | 0300182A | 高频电子线路\*  High Frequency Electronic Circuit | 4 | **√** |  |
| 2 | 0300164 | 通信原理\*  Communication Principle | 4 | **√** |  |
| 3 | 0300146A | 数字信号处理  Digital Signal processing | 3 | **√** |  |
| 4 | 2103073 | 通信网  Communication Network | 2 | **√** |  |
| 5 | 2103600 | 嵌入式在通信系统应用  Embedded System and Application | 3 | **√** |  |
| 6 | 2103072 | 现代交换技术\*  Modern Switching Technology | 3 | **√** |  |

**续表3 通信工程专业教学进程安排（专业教育）**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **课程**  **类别** | **课程**  **性质** | **序 号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 专  业  教  育 | 选  修 | 1 | 2103076 | 工程制图  Technical drawing | 2 |  | 机械院 |
| 2 | 03000B73 | 软件技术基础  Fundamental of Software Technique | 2 | **√** |  |
| 3 | 0300171 | 光纤通信  Fiber Optics Communication | 2 | **√** |  |
| 4 | 0300168 | 多媒体通信技术  Multimedia Communication Technology | 2 | **√** |  |
| 5 | 0300505 | 信息安全技术  Information Security Technology | 2 | **√** |  |
| 6 | 0300506 | 无线传感器网络  Wireless Sensor Network | 2 | **√** |  |
| 7 | 0300086 | 数字图像处理  Digital Image Processing | 2 | **√** |  |
| 8 | 0300166 | 微波技术与天线  Microwave Technique and Antenna | 2.5 | **√** |  |
| 9 | 0300169 | 传感器技术与系统  The Technology and System of Sensor | 2 | **√** |  |
| 10 | 0300530 | 虚拟仪器技术及应用  Virtual instrument technology and Application | 2 | **√** |  |
| 11 | 0300170 | 接入网技术  Network Access Technology | 2 | **√** |  |
| 12 | 2103074 | DSP硬件技术  Hardware Technique of DSP | 2 | **√** |  |
| 13 | 030A167 | 移动通信  Mobile Communication | 2 | **√** |  |
| 14 | 0300087C | 数字资源检索与利用  Retrieval and Utilization of Digital Resources | 1 |  | 机械院 |
| 15 | 0300330 | 创新思维与创新方法  Creative Innovative thinking and innovative methods | 2 |  | 双创院 |
| 16 | 030A507 | 专业英语（通信工程）  Professional English Course | 2 | **√** |  |
| 17 | 030A508 | 通信工程新技术  New technology in Communication Engineering | 1 | **√** |  |
| 18 | 00000A5 | 大学英语 IV Foreign Language IV | 3 |  | 通识教育学院 |
| 19 | 2103090 | 专业综合实践  Professional Comprehensive Practice | 4 | **√** |  |
| 20 | 2103075 | 通信系统集成电路设计  Communications Integrated Circuit design | 2 | **√** |  |

**表4 通信工程专业集中实践课程归属**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **实践**  **性质** | **序号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 必  修 | 1 | 0000095 | 思想道德与法治实践  Ideological Morality and Legal Practice | 1 |  | 马院 |
| 2 | 0000096 | 毛泽东思想和中国特色社会主义理论体系概论实践  Practice for Mao Zedong Thought and the Theoretical System of Socialism with Chinese Characteristics | 1 |  |
| 3 | 0000023 | 军事训练  Military Practice | 2 |  | 学工部 |
| 4 | 0000009D | 物理实验（电气信息类）  Physics Experiments | 1.5 |  | 通识教育学院 |
| 5 | 0300034B | 电路实验  Experiment of Electric Circuit | 1.5 | **√** |  |
| 6 | 0300116 | 信号与系统实验  Experiment of Signal & System | 1.5 | **√** |  |
| 7 | 0300061 | 模拟电路实验  Analog Circuit Experiment | 1.5 | **√** |  |
| 8 | 0300084 | 数字电路实验  Digital Circuit Experiment | 1.5 | **√** |  |
| 9 | 2104300 | 金工实习  Metal working Practice | 1 |  | 机械院 |
| 10 | 030A203 | C语言课程设计※  C language course design | 1 | **√** |  |
| 11 | 0300096 | 微机原理与接口技术实验  Experiments of Microcomputer Principles & Interface Technology | 1 | **√** |  |
| 12 | 2103799 | 数字信号处理课程设计※  Digital Signal Processing Course Design | 2 | **√** |  |
| 13 | 0300178A | 高频电子线路实验  Experiment in High Frequency Electronic Circuit | 1 | **√** |  |

**续表4 通信工程专业集中实践课程归属**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **实践**  **性质** | **序**  **号** | **课程编号** | **课程名称** | **学分** | **本院** | **外院** |
| 必  修 | 16 | 2103079 | 现代交换技术课程设计※  Course design of modern exchange technology | 1.5 | **√** |  |
| 17 | 2103602 | 电子工艺与电子技术实践※  Course Design on Electronic Technology | 2 | **√** |  |
| 18 | 00000D3 | 信息技术应用基础实践 Application and Practice of Information Technology | 1 | **√** |  |
| 19 | 2103601 | 嵌入式在通信系统的应用课程设计※  Course Design on Embedded System | 2 | **√** |  |
| 20 | 2103021 | 通信网课程设计  Course Design on Communication Network | 2 | **√** |  |
| 21 | 030A180 | 通信原理实验  Experiment in Communication Principle | 1 | **√** |  |
| 22 | 2103080 | 通信系统仿真课程设计※  The course design of communication system simulation | 2 | **√** |  |
| 23 | 0300500 | 认识实习  Realizing Practice | 1 | **√** |  |
| 24 | 0300501 | 毕业实习  Graduation Practice | 2 | **√** |  |
| 25 | 030A502 | 毕业设计  Graduation Project | 14 | **√** |  |