

MATE130058	模拟与数字电子线路	学分：3	周学时：3
	Analogue and digital electronics	总学时：54	
预修课程：无			
修读对象：材料物理专业和电子科学与技术专业本科生			

中文课程简介（150 字以内）

《模拟与数字电子线路》课程内容分为模拟电子技术和数字电子技术两个部分。教学方式以讲授为主，辅以部分演示实验和习题讲解。课程通过讲授电子技术的基本理论和分析方法，使学生掌握模拟电路器件、数字电路器件的工作原理，从而能够对电路进行分析和设计，为学习后续课程和电子技术在专业中的应用打好基础。

英文课程简介

This course includes analogue electronics and digital electronics. The lecture is the main teaching method in addition to demonstrative experiment and explanation of Exercises. This course teaches the fundamental theories and analysis method of analogue and digital electronics to make students understand the working principle of the analogue and digital devices and thus analyze and design the circuit. This course lays the foundation for later other courses and the application of analogue and digital electronics.