

## 工程训练课程介绍

### 一、中文简介：

"工程训练是一门实践性的技术基础课，以机械制造过程为平台，机械制造技术为手段，它以实践教学为主，学生通过操作实践达到如下要求：(1)了解机械零件的常用加工方法及其所用主要设备的工作原理及典型结构，工、夹、量具的使用及安全操作技术以达到了解一般机械制造的全过程。(2)对简单零件初步具有选择零件材料、毛坯、加工工艺方法和进行工艺分析的能力。(3)对机械制造中的数控技术、计算机辅助制造技术、特种加工等先进制造技术有一个较为系统的了解。"

### 二、英文简介：

"Engineering training is a practical technical basic course, it use mechanical manufacture process as platform, use mechanical manufacture technology as mean, it is mostly about practical teaching, and students are expected to attain follow targets through independent operation.(1) Be familiar with common machining methods of mechanical parts and working principle and typical constitution of mostly facilities used and use of tools, clamps, measures and techniques of safety operation in order to acquaint with whole process of mechanical production. (2) Cultivate primary capability of choosing material, block, process techniques of machining of simple parts and capability of conducting process techniques analysis.(3) Have a systematically comprehension of numerical control technology, computer aided manufacture technology and non-traditional machining etc in mechanical manufacture field."