

土木工程制图课程介绍

一、中文简介：

课程内容主要包括土建图基础、建筑施工图、结构施工图以及用 AutoCAD 绘制这些工程技术图。土建图基础包括制图标准、剖面 and 断面图；建筑施工图主要介绍建筑平面图、立面图、剖面图以及楼梯详图；结构施工图包括基础图、结构布置图以及钢筋混凝土构件详图；用 AutoCAD 绘制施工图包括：土木工程图的尺寸标注等、建筑平面图及详图的绘制以及结构施工图的绘制等。通过本课程的学习，掌握土建图的图示原理和计算机的绘制，为后续课程打下基础。

二、英文简介：

The curriculum content mainly includes civil engineering drawing principle, building construction working drawings and making engineering drawings with AutoCAD. Civil engineering drawing principle includes drawing standards, section and section drawing. Building working drawings includes floor plan, building elevation, cutaway view making drawings, stairs detailing; Construction working drawings includes housing foundation drawings, construction plans, detailing of reinforced concrete structures ;with AutoCAD includes: dimensional information notations on working drawings, etc. and engineering drawing making and so on. Through this curriculum' s study, students will grasp the engineering drawing principle and making drawing with a computer, and then build the foundation for following course.