# 《计算机制图》课程中英文简介

Academic writing

课程代码：011332B **Course Code：**011332B

课程名称：计算机制图 **Course Name：** Computer Cartography

学时：32 **Periods：32**

学分：2 **Credits：2**

考核方式：考查 **Assessment：**Inspection

先修课程：无 **Preparatory Courses：economics;** Management

《计算机制图》课程主要介绍专业地图、规划图制作软件CorelDRAW和AutoCAD的实践操作，是城市管理专业重要的技术工具类课程。主要内容包括地表测量的基本方法、地图投影变换的常见形式、地图绘制的一般流程、图形设计的原则与具体手段、不同地理事物的符号化方式、绘制综合方法。通过该门课程的学习，学生熟悉掌握二维绘图软件，并进行读图和制图练习，掌握基本绘图命令和制图方法。为学生继续学习其他课程和毕业后从事城市建设活动打下必要的基础。

*Computer Cartography* mainly introduces the practical operation of professional map and planning drawing making software CorelDraw and AutoCAD, which is an important technical tool course for urban management majors. The main contents include the basic methods of surface survey, the common forms of map projection transformation, the general process of map rendering, the principles and specific means of graphic design, the symbolic ways of different geographical things, and the comprehensive methods of mapping. Through the study of this course, students are familiar with the two-dimensional drawing software, carry out the practice of reading and drawing, master the basic drawing commands and drawing methods. This course also prepares students for their further study and their career of urban construction after graduation.