

<<新编化学化工专业英语>>

图书基本信息

书名：<<新编化学化工专业英语>>

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前言

本书根据教育部《大学英语教学大纲（修订本）》精神编写。

全书共分四部分，分别为科技英语知识简介、化学化工专业基础知识、专业文章阅读和附录。

一般专业英语教材比较偏重专业资料的阅读能力训练，而本书除提供专业阅读资料外，还紧扣《大学英语教学大纲（修订本）》的要求，更加注重听、说、译的训练。

为此，书中提供了不少可帮助读者听、说专业英语的材料。

如在正文中给出了常见实验仪器图片及英文名称，在附录中给出了“希腊字母英文名称及读音表”、“部分常用数学符号及数学式的读法”、“化学式的英文读法”等，这些都将为读者将来与外籍科技人员直接对话提供基础。

而且，本书专门对科技英语的特点作了简介，并初步介绍了科技英语翻译的常用技巧，使读者可以一窥化学化工专业英语翻译的门径。

由于英译汉与汉译英的原理大体相通，这方面的介绍相信也会有助于读者学习科技英语的简单写作（如科技论文的英文摘要等）。

为使读者了解科技英语写作方法，本书还专门选择了一篇这方面的阅读材料“ How to write a scientific Paper ”，希望可以达到管中窥豹的效果。

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内容概要

全书根据教育部《大学英语教学大纲(修订本)》精神编写,注重从大化工、过程工程角度选择素材,所选材料涉及化学、化学工程、制药、环境、生物等多个领域,文章内容丰富,语言难度适中,编排深入浅出,循序渐进。

此外,编者为方便读者使用,既在正文安排了词汇表和各学科常用词汇表,又安排了多个工具类型的附录供读者速查。

全书分为四部分,分别为科技英语知识简介、化学化工专业基础知识、专业文章阅读及附录。

本书可作为高等院校化学化工专业高年级专业英语教材,也可作为相关专业科技人员及中等英语水平的人员自学参考书。

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书籍目录

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章节摘录

You will carry out many laboratory activities in Advanced Chemical Topics . While no human activity is completely risk—free , if you use common sense and a bit of chemical sense , you will encounter few problems . Chemical sense is an extension of common sense . Sensible laboratory conduct won ' t happen by tmemorizing a list of rules , any more than a perfect score on a written driver ' S test ensures an excellent driving record,The true test of chemical sense is your actual conduct in the laboratory . The following safety rules apply to all laboratory activities . For your personal safety and that of your classmates , make following these guidelines second nature in the laboratory . If you ' understand the reasons behind them , these safety rules will be easy to remember and to follow .

Rules of laboratory conduct

Perform laboratory work only when your teacher is present . Unauthorized or unsupervised laboratory experimenting is not allowed . Your concern for safety should begin even before the first action . Always read and think about each laboratory assignment before starting .

Know the location and use of all safety equipment in your laboratory . These should include the safety shower , eye wash , first—aid kit , fire extinguisher , and blanket .

Wear a laboratory coat or apron and protective glasses or goggles for all laboratory work . Wear shoes (rather than sandals) and tie back loose hair .

Clear your bench top of all unnecessary materials such as books and clothing before starting your work .

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