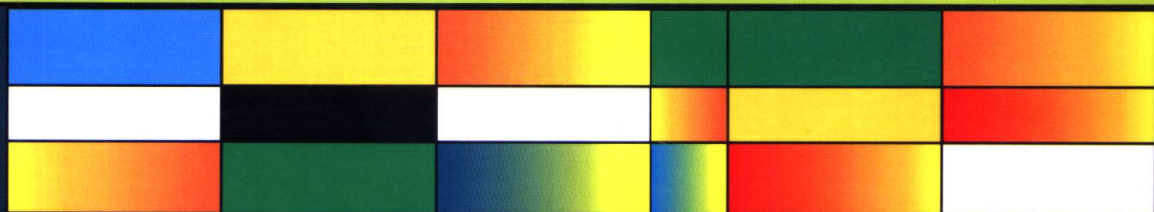


现代 实务英语 教程



李鹏飞 主编



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《现代实务英语教程》

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前 言

《现代实务英语教程》是针对全国广大在职人员,主要是大学本科、高职、高专毕业的在职人员从事继续教育、充实提高英语水平,通过考试获取相应学位或通过初、中、高级职称考试获取相应职称而使用的一本综合性英语教材,也适合大专转本科学生和其他相应水平的广大读者使用。本教材是在原《现代科技英语基础教程》使用了8年之久的基础上总结经验、彻底更新、针对我国大学英语教学及在职人员继续教育水平迅速提高的新形势、新需要编写而成的。本教程共21课,课文包括了数理化、计算机的通俗读物、历史发展、新的应用领域、科学家治学经验介绍等,内容丰富多彩,语言优美流畅,结合生活和生产实践,接近口语和大众语言习惯,让人读起来感到亲切、有兴致,也能促进学习者解放思想,热爱生活,增强求知欲,提高自学能力。从体现语言基础的词汇和语法结构知识起点水平上讲,考虑到在职人员的英语基础参差不齐的复杂状况,书中的词汇和语法从大学英语的二级或二级半水平开始讲起。学完全书后达到四级到五级的水平。为此,本书的词汇学习安排突出两个角度:一是突出复用词的精讲多练,二是通过课文选材的多样性和宽泛程度,扩大全书的总词汇量,让学员接触和初步掌握更多的“认知性词汇”。在语法方面,本书采用双向整合法,一是采用阶段语法大块归纳小结,通过一定的大型语法作业巩固各课所学语法知识,促进学员较系统地掌握语法知识和技能;二是每课中结合课文内容,运用“语法结构与语言概念及其功能表达方法相结合”,本着“让学生在理解交际功能及其一般表达形式的过程中来学习语法。教师应告知学生,学习语法首先是为了保证交际信息得以正确传达”(何元建,1983)这一目的,通过本书所选的50种功能项目和典型句式,如表述定义、分类、计算、程序、因果、比较、对照、设想、推论和描述等功能手段,用方框图和流程图或简笔画等形式表达出来。

为了适应学员参加本课程学习的一个重要目的是通过各种相应的水平考试和测试的

要求，在本教材的编写中，注意编写的诸项目标与相应的考试要求紧密结合。因此，本书除了应把英语基础的学习作为重点外，还相应安排有阅读理解、综合填充、翻译和写作等项内容的训练，在全书的最后阶段，这些方面的练习难度也根据需要编写得适当高于同级考试要求的难度。按照成人继续教育大纲要求，本教材按 160 学时编写，两个学期进行完毕。包括考试每学期用 80 学时讲完。

全书由李鹏飞任主编，许子艳、杜耀梅、邹岩同志任副主编，中国人民解放军信息工程学院诸沛浩教授、北京工商大学苗天顺副教授、北京政法大學高莲红副教授等参加编写。清华大学赵静鹏教授、首都师范大学林立教授、王志教授、北京工商大学张政教授、河北科技大学张森教授、北京联合大学郭世明教授、北京理工大学外语系吴树敬教授、中国人民解放军后勤指挥学院马青云副教授等各位专家在百忙中参加了本书的评审校阅，并提出了十分宝贵的意见，在此一并表示衷心感谢。

本书虽刻意创新、力求完美，但不少地方尚嫌粗糙，不当与疏漏之处诚望同行专家和读者不吝指正。

李鹏飞

2004 年 9 月

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Lesson One

A Man Who Devoted Himself to Science and Education 毕生献给科学和教育的人

Pre-reading questions

1. Do you like science or arts? Why?
2. Can you name some famous scientists both at home and abroad? What are their contributions?
3. Why is science important in the development of society?
Give one or two examples.



[1] When he recollected all his life, the famous American inventor Thomas Alva Edison said, "My philosophy in life is work. I want to bring out the secrets of nature and use them for the happiness of man. I know of no better work to do for the short time we are in this world." Perhaps what he said reminds us of another American scholar, a less famous but working much longer than Alva Edison, the chemistry professor in the University of California, at Berkeley, Dr Joel Hilderand.

[2] When he died in April of 1993, Dr Joel Hilderand was 101 years old, had been married for seventy five years, and had taught freshmen chemistry to over 40000 students. In addition, he had published a popular textbook and dozens of articles, had managed the U.S. Olympic ski team, and had discovered a way to allow deep-sea divers to stay underwater longer. In his own way, Dr Hilderbrand was certainly a genius.