

<<土木工程与建筑>>

图书基本信息

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前言

大学英语教学大纲（修订本）规定大学英语教学分为基础阶段（一至二年级）和应用提高阶段（三至四年级）。

应用提高阶段的教学包括专业英语（Subject-Based English，简称SBE）和高级英语（Advanced English，简称AE）两部分。

大纲明确指出：“大学英语教学的目的是培养学生具有较强的阅读能力和一定的听、说、写、译能力，使他们能用英语交流信息。

……以适应社会发展和经济建设的需要。

”新世纪对人才在外语方面提出了更高的要求。

抓好大学英语应用提高阶段的教学已势在必行。

编写本教材的目的是帮助理工科学生在应用提高阶段进一步发展、巩固和提高基础阶段已掌握的读、听、写、说、译五种技能，并使部分有一定口语基础的学生在听说能力方面也能有较大的提高，以适应21世纪对高级人才的需求。

本教材主要适用于已完成基础阶段学习的高等学校理工科本科生，为应用提高阶段的必修课和选修课教材，也可用作研究生教学或工程技术人员的外语培训教材。

全套教材由专业教师和英语教师合作编写而成。

它以英国语言学家H.G.Widdowson的交际法理论为依据，着重解决语言运用能力的培养问题，使学生将基础阶段已掌握的英语语言知识和技能在自己的专业领域中得到进一步实践和应用，从而达到能以英语为工具获取和交流信息的教学目的。

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内容概要

大学英语教学大纲（修订本）规定大学英语教学分为基础阶段（一至二年级）和应用提高阶段（三至四年级）。

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作者简介

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The test is suitable for a wide range of mixes and, unlike the slump and compacting factor tests, it is sensitive to variations in workability of very dry and also air-entrained concretes. It is also more sensitive to variation in aggregate characteristics such as shape and surface texture. The reproducibility of results is good. As for other tests, its accuracy tends to decrease with increasing maximum size of aggregate; above 20 mm the test results become somewhat unreliable. However, BS 1881: Part 104 permits its use for concrete having aggregate of maximum size up to 40 mm. For concretes requiring very little vibration for compaction the Vebe time is only about 3s. Such results are likely to be less reliable than for larger Vebe times because of the difficulty in estimating the time of the end point (concrete in contact with the whole of the underside of the plastic disc). At the other end of the workability range, such as with very dry mixes, the recorded Vebe times are likely to be in excess of their true workability since prolonged vibration is required to remove the entrapped air bubbles under the transparent disc. To overcome this difficulty an automatic device which records the vertical settlement of the disc with respect to time can be attached to the apparatus. This recording device can also assist in eliminating human error in judging the end point. The apparatus for the Vebe test is more expensive than that for the slump and compacting factor tests, requiring an electric power supply and greater experience in handling; all these factors make it more suitable for the precast concrete industry and ready-mixed concrete plants than for general site use.

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