Cambridge Academic English

An integrated skills course for EAP

Student's Book

Advanced

Martin Hewings and Craig Thaine

Course consultant: Michael McCarthy





> CAMBRIDGE UNIVERSITY PRESS Cambridge, New York, Melbourne, Madrid, Cape Town, Singapore, São Paulo, Delhi, Mexico City

Cambridge University Press
The Edinburgh Building, Cambridge CB2 8RU, UK

www.cambridge.org
Information on this title: www.cambridge.org/9780521165211

© Cambridge University Press 2012

This publication is in copyright. Subject to statutory exception and to the provisions of relevant collective licensing agreements, no reproduction of any part may take place without the written permission of Cambridge University Press.

First published 2012

Printed in the United Kingdom at the University Press, Cambridge

A catalogue record for this publication is available from the British Library

ISBN 978-0-521-16521-1 Advanced Student's Book ISBN 978-0-521-16527-3 Advanced Teacher's Book ISBN 978-0-521-16524-2 Advanced Class Audio CD ISBN 978-0-521-16531-0 Advanced DVD ISBN 978-1-107-60715-6 Advanced Class Audio CD and DVD pack

Cambridge University Press has no responsibility for the persistence or accuracy of URLs for external or third-party internet websites referred to in this publication, and does not guarantee that any content on such websites is, or will remain, accurate or appropriate. Information regarding prices, travel timetables and other factual information given in this work is correct at the time of first printing but Cambridge University Press does not guarantee the accuracy of such information thereafter.

Acknowledgements

Author acknowledgments

We have been lucky enough to work with an enthusiastic and professional team of people at Cambridge University Press who have helped us produce this book. Our thanks go to Karen Momber, Dilys Silva, Robert Vernon, Caroline Thiriau, and Kate Hansford, who have all played a part in shaping the course. Kate in particular has made a major contribution to the *Advanced* book. Verity Cole and Andrew Reid have worked with great expertise and care to edit the material and take it to its published form. Linda Matthews has organised production schedules with her usual efficiency. Michael McCarthy has advised on the course as a whole, particularly on the use of corpora in the material. We would also like to thank the Corpus team at Cambridge University Press, and Claire Dembry in particular, for their help in accessing the academic corpus.

Martin would like to thank Ann, Suzanne and David for their endless patience and support.

Craig would like to thank Steven Shuttleworth for ongoing support during the writing of this book.

Publisher acknowledgements

A special thanks to Dr Karen Ottewell at the University of Cambridge Language Centre for reviewing the material so thoroughly and helping us to organise the lectures and to all the lecturers who allowed us to film them delivering lectures and the seminar for the book: Professor David Crystal; Dr Clare Lynch; Professor Guido Rings and Professor Dr John Spencer.

We would like to thank all the reviewers who have provided valuable feedback on this project: Jon Carlise, Philip Herdina, Simon Kinzley, Sylvia Maciaszczyk, Maggie McAllinden, Tatyana Polina, Tisa Rétfalvi-Schär and Lisa Zimmerman.

We would also like to thank the students who participated in the interviews which appear in the Lecture skills units: Youness Bouzinab, Karthik Depuru Mohan, Diana Kudaibergenova, Max Reibman and Fotis Vergis.

Text and photo acknowledgements

The authors and publishers acknowledge the following sources of copyright material and are grateful for the permissions granted. While every effort has been made, it has not always been possible to identify the sources of all the material used, or to trace all copyright holders. If any omissions are brought to our notice, we will be happy to include the appropriate acknowledgements on reprinting.

John Wiley and Sons for the article on pp. 11-12 'Academic success and the international student: research and recommendations' by Charles F. Abel (2002) taken from New Directions for Higher Education © John Wiley and Sons; Article on p. 16 "Does Media Literacy Work? An Empirical Study of Learning How to Analyze Advertisements" from Advertising & Society Review, published December 2004 by Advertising Educational Foundation. Reproduced with permission of Advertising Educational Foundation, www.aef.com; Graph on p.19 © Copyright [2011] by ESOMAR® - The essential organisation for encouraging, advancing and elevating market research worldwide. This paper first appeared in [ESOMAR Asia Pacific Conference 2010 - Eyes on Asia], published by ESOMAR; World Advertising Research Center Limited for the chart on p. 20. Reproduced with permission; Article on pp. 21-22 "Ethics and Advertising" from Advertising & Society Review/ ADText, published October 2007 by Advertising Educational Foundation. Reproduced with permission of Advertising Educational Foundation, www.aef.com; Extract on pp. 27-28 from The Oxford Handbook of Innovation by Fagerberg, J., Mowery, D. C. & Nelson, R. R. (Eds.) (2005). Published by Oxford University Press; Extracts on pp. 42-43 taken from 'The politics of plants' by Emma Frow, Food Security, Feb 1 2009. Copyright © 2009, Springer; Paul Collier for the article on p. 49 'Can biotech food cure world hunger? Put aside prejudices', New York Times, 26 October 2009. Reproduced with permission of Paul Collier; Dr Vandana Shiva for the article on p. 50 'Can biotech food cure world hunger? The failure of gene-altered crops' New York Times, 2 August 2011. Reproduced with permission of Dr Vandana Shiva; Adapted article on pp. 55-56 'Laptop use in higher education' taken from 'Assessing laptop use in higher-education classrooms: The Laptop Effectiveness Scale (LES)' by Lauricella, S. & Kay, R. (2010). Australasian Journal of Educational Technology, reprinted with permission; Jones and Bartlett Learning for Extract 3 on p. 61 adapted from 'How we work: the paperless office' by J. Harrington, Technology and Society 2009. Published by Jones and Bartlett. Reproduced with permission; Extract on p. 71 taken from The power of Culture for Development. Published by UNESCO; Fig. 4 on p. 76 'Public understanding of, and attitudes toward, scientific research: what we know and what we need to know' taken from Public Understanding of Science by Miller, J. D © 2004. Reprinted by Permission of SAGE; Extract on pp. 83-84 'Where does the time go? A diary approach to business and marketing students' time use' by Sarath A. Nonis, Melodie J. Philhours and Gail I. Hudson, Journal of Marketing Education, 8 Jan 2006. Reprinted by Permission of SAGE; Michael Saren for the text on p. 98-99 Marketing Graffiti: The view from the street, Butterworth-Heinemann 2006; Daragh O'Reilly for the text on pp. 99-100 'Book review: Marketing graffiti: the view from the street' taken from European Journal of Marketing 2007; Extract on p. 106 'Chinese children's perceptions of advertising and brands: an urban rural comparison' by Kara Chan, Journal of Consumer Marketing 2008. Reproduced with permission of Emerald Group Publishing Limited; Extract on p. 110 Forensic Science (2nd edn.)

by Jackson, A. R. W. & Jackson, J. M. Pearson 2008. Reproduced with permission of Pearson Education Limited: Text 1 on p. 118 'Crime trends through two decades of social changes in Spain' by Elisa Garcia-España, taken from Crime, Law and Social Change, Jan 1 2010. Copyright © 2010, Springer Science+Business Media B.V; Text 2 on p. 118 Crime in England and Wales 2009/10. Findings from the British Crime Survey and police recorded crime (3rd edn.) Edited by J. Flatley, C. Kershaw, K. Smith, R. Chaplin and D. Moon. Licensed under the Open Government Licence v1.0; World Advertising Research Center Limited for the charts on p. 119. Reproduced with permission; Extract on p. 127 'The wider family' taken from Sociology by Nicholas Abercrombie. Published by Polity Press 2004. Reproduced with permission; Lena Edlund and Aminur Rahman for the extract on p. 133 'Are children better off in nuclear or extended families?' taken from Household Structure and Child Outcomes: Nuclear vs. Extended Families – Evidence from Bangladesh by Lena Edlund and Aminur Rahman. Reproduced with permission; Extract on pp. 134 – 135 adapted from 'Family change and community life: An empirical investigation of the decline thesis in Australia' by Jody Hughes and Wendy Stone, Volume 42, Issue 3. Copyright © 2006. Reprinted by Permission of SAGE; Extract on pp. 139-142 'The Big Bang - A Hot Issue in Science Communication' by Martin Griffiths, Senior Lecturer of Astronomy at University of Glamorgan, and Carlos Oliveira, taken from Communicating Astronomy with the Public Journal 2010. Reproduced with permission; Extract on p. 171 'Please may I have a bike? Better yet, may I have a hug? An examination of children's and adolescents' happiness' by Lan Nguyen Chaplin taken from Journal of Happiness Studies, Jan 1 2008. Copyright © 2008, Springer; Extract on pp. 172 'The relationship between teacher attitudes and skills and student use of computers in northern schools' by Greschner, K. J. (2003). Unpublished Master of Education thesis, University of Saskatchewan, Saskatoon, Canada.

The Cambridge Advanced Learner's Dictionary is the world's most widely used dictionary for learners of English. Including all the words and phrases that learners are likely to come across, it also has easy-to-understand definitions and example sentences to show how the word is used in context. The Cambridge Advanced Learner's Dictionary is available online at dictionary. cambridge. org. © Cambridge University Press, Third edition & 2008, reproduced with permission.

Development of this publication has made use of the Cambridge English Corpus (CEC). The CEC is a computer database of contemporary spoken and written English, which currently stands at over one billion words. It includes British English, American English and other varieties of English. It also includes the Cambridge Learner Corpus, developed in collaboration with the University of Cambridge ESOL Examinations. Cambridge University Press has built up the CEC to provide evidence about language use that helps to produce better language teaching materials.

The publisher has used its best endeavours to ensure that the URLs for external websites referred to in this book are correct and active at the time of going to press. However, the publisher has no responsibility for the websites and can make no guarantee that a site will remain live or that the content is or will remain appropriate.

The publishers are grateful to the following for permission to reproduce copyright photographs and material:

Key: I = left, c = centre, r = right, t = top, b = bottom

Alamy/©Science Photo Library for p28(r), /©Richard Osbourne for p49, /@Pictorial Press Ltd for p77(r), /@Alan Edwards for p116, /@Mike Harrington for p138(I); Getty Images/@Panoramic Images for p46, /@Stockbyte for p126; istockphoto/@Rene Mansi for p17; Masterfile for pp26, 31, 47, 101, 128; Oxford University Press/©Corbis/Lebrecht Music & Arts for p96; Pulvermacher Galvanic Company. Electricity, Nature's Chief Restorer: Pulvermacher's Electric Belts &C.; Self-applicable for the Cure of Nervous and Chronic Diseases Without Medicine. Cincinnati, O.: The Company, [ca. 1890]. Special Collections, University of Delaware Library, Newark, Delaware; Science Photo Library for p77(I); Science Photo Library/@NASA/JPL-Caltech// UCLA for p138(r); Shutterstock/©Pedro Salaverria for p28(I); UNESCO/©Francisco Monteiro, 2010 for p71(t), /©Michel Ravassard for p71(bc); UNICEF@/NYHQ2006-2046/Pablo Bartholomew for p71(b)

We have been unable to trace the copyright of the photograph on p98 and would welcome any information enabling us to do so.

Picture Research by Hilary Luckcock.

Designed and produced by Wild Apple Design, www.wildappledesign.com Video production by Phaebus, and Phil Johnson. Audio production by Leon Chambers.



Introduction

Who is the course for?

Cambridge Academic English is for anyone who needs English for their academic studies.

It is an integrated skills course, which means that at each of the levels you will develop your abilities in reading, writing, listening and speaking in an academic context. In your class there will probably be students studying or hoping to go on to study many different subjects. With this in mind, *Cambridge Academic English* includes topics and texts that will be of interest to students from all disciplines (subject areas), and teaches language and skills that will be of use to students working in all subjects. However, some parts of the course also help you to develop abilities relevant to your particular area of study.

This book, *Student's Book: Advanced*, is aimed at students who may already have begun their academic studies. It will also be of interest to non-native English-speaking academics who need to present and publish in English. If you are familiar with the Common European Framework of Reference (CEFR) proficiency levels, *Student's Book: Advanced* is likely to be most useful to Proficient Users at level C1 and above. *Student's Book: Intermediate* is aimed at students who need to improve their English significantly in order to guarantee success in higher education and are Independent Users at level B1 and above. *Student's Book: Upper Intermediate* is aimed at students who will soon be starting undergraduate or postgraduate studies and are Independent Users at level B2 and above.

How is the book organised?

The introductory unit, *Academic orientation*, introduces you to some of the skills you will need to develop to be successful in higher education: being an independent learner, and adopting good study strategies. Many students using *Student's Book: Advanced* will go on to do their own research, and the unit also introduces you to research proposals and research projects.

The Student's Book is organised into integrated skills and lecture skills units:

• Integrated skills units 1-10 (with separate Audio CD)

Ten units are organised around a broad topic of interest and help you develop your skills in reading, speaking, listening to and writing academic English. Each of these units ends with a *Grammar* and vocabulary section where you will learn about language of particular importance in academic communication. Cross references in the margins point to the further information and practice exercises which can be found in the *Grammar* and vocabulary section of that unit.

The separate Class Audio CD includes all the recordings needed for the listening and speaking sections. It gives focused listening practice, and will also help you develop strategies for participating in tutorials and group work.

• Seminar skills units A-B and Lecture skills units C-E (with separate DVD)

After every two integrated skills units there is either a Seminar skills unit or a Lecture skills unit to help you develop skills in taking part in seminars and listening to lectures. For this course, seminars and a variety of lectures were recorded at the University of Cambridge, and a separate DVD accompanies the Student's Book containing clips of these seminars and lectures, and of students talking about their experience of studying in English at university.

EXECUTE Extracts have been used in the seminar and lecture skills units to help you understand, for example, how lecturers use language, visual information, gesture and pronunciation to present content and show how they are organising the lecture.

What kind of language does the course teach?

Cambridge Academic English uses authentic academic texts. The texts you will read are taken from the kinds of textbooks and journal articles that your subject tutors might recommend you to read.



You may find these challenging at first but you will learn strategies in the course to help you to cope with them. We believe that working with authentic texts in EAP is the best way of preparing to read them during your academic course of study.

The lectures you will watch are delivered by experienced lecturers and researchers. In many colleges and universities around the world you will be taught in English by some tutors who are native English speakers and others who are non-native English speakers. To help you prepare for this, both native and non-native English-speaking lecturers have been included in this course.

The vocabulary focused on in the course has been selected for being of particular importance in academic writing, reading, lectures and seminars. In choosing what to teach we have made use of the Academic Word List compiled by Averil Coxhead (see www.victoria.ac.nz/lals/resources/academicwordlist/ for more information). This list includes many of the words that you are likely to encounter in your academic studies.

What are the additional features?

Each unit contains the following additional features:



The Study tip boxes offer practical advice on how you can improve the way you study.



The Focus on your subject boxes encourage you to think about how what you have learnt applies to your own subject area.



Corpus research boxes present useful findings from the CAEC (see below).

- The *Word list* at the back of the Student's Book covers key academic words essential for development of academic vocabulary.
- For each level of the course, a full-length version of one of the lectures from the DVD is available online. This gives you the opportunity to practise, in an extended context, the listening and note-taking skills that you develop in the *Lecture and seminar skills* units. The video and accompanying worksheets are available for students at www.cambridge.org/elt/academicenglish.

To make sure that the language we teach in the course is up-to-date and relevant, we have made extensive use of the Cambridge Academic English Corpus in preparing the material.



(What is the Cambridge Academic English Corpus (CAEC)?

The CAEC is a 400-million-word resource comprising two parts. One is a collection of written academic language taken from textbooks and journals written in both British and American English. The second is a collection of spoken language from academic lectures and seminars. In both parts of the corpus a wide variety of academic subject areas is covered. In addition to the CAEC, we have looked at language from a 1.7-million-word corpus of scripts written by students taking the IELTS test.

Conducting our research using these corpora has allowed us to learn more about academic language in use, and also about the common errors made by students when using academic English. Using this information, we can be sure that the material in this course is built on sound evidence of how English is used in a wide variety of academic contexts. We use the CAEC to provide authentic examples in the activities of how language is used, and to give you useful facts about how often and in what contexts certain words and phrases are used in academic writing.

We hope you enjoy using Cambridge Academic English and that it helps you achieve success in your academic studies.

Martin Hewings and Craig Thaine



Contents

Academic	Being an independent learner					
orientation	Adopting good study strategies					
Page 10	Finding information about research projects					
_	Writing a research proposal					
Unit 1	Reading	Listening and speaking	Writing	Grammar and		
Advertising and		3 . 3		vocabulary		
critical thinking	Reading critically	Pros and cons of group work	Writing a summary	-ing clauses with prepositions		
Page 14	Preparing to read	Getting an opportunity to	In-text referencing conventions	and conjunctions		
	Note-taking	speak in a group discussion		Prepositions after passive		
	Vocabulary in context:			verbs		
	compound nouns			Problem words: affect vs effect		
	Inferring relationships			enect		
	between sentences Nominalisation					
	Reading in detail					
Unit 2	neading in detail			Grammar and		
Innovation and	Reading	Listening and speaking	Writing	vocabulary		
invention	Lectures, note-taking and	Asking for and giving	Writing summaries from	Using gender-neutral		
Page 26	follow-up reading	clarification in group work	multiple sources	language		
	Vocabulary in context: word	Word stress	Reference lists	Complex conjunctions		
	families			Adjective compounds with		
	Vocabulary in context:			well-, ill-, poorly		
	hedging					
C	Reading in detail	Hataning	Carrier and Itilia	F-11		
Seminar skills A	Preparing for seminars Seminars and lectures	Listening Practice in gist and detailed	Seminar skills	Follow up		
Page 38	Good business language	Practice in gist and detailed listening	Understanding new terms Understanding the tutor's	Further listening		
	dood business language	il derining	instructions			
			Understanding tutor feedback			
Unit 3	Reading	Listening and speaking	Writing	Grammar and		
Facing challenges	Reduing	Listening and speaking		vocabulary		
Page 42	Following the writer's	Working with colleagues:	Understanding instructions in	Complex prepositions		
	argument	problem solving	essays and other assignments	Items in lists		
	Vocabulary in context 1:		Developing an argument in an	being		
	focusing and evaluative adverbs		essay Style in academic writing			
	Vocabulary in context 2:		Otyle in academic witting			
	adjective compounds					
	Reading in detail					
Unit 4	Reading	Listening and speaking	Writing	Grammar and		
IT in education				vocabulary		
and business	Preparing to read a research	Presenting professionally	Using evidence	Subject-verb agreement		
Page 54	article Chooking prodictions	Introducing presentations	Writing up research: a	Tense choice in reporting verbs		
	Checking predictions Producing slides from texts	Presentation practice	research proposal	Common prefixes in		
	Vocabulary in context 1:			academic writing		
	recognising the relationship					
	between pieces of research					
	Vocabulary in context 2:					
	noun/verb + preposition					
	Reading in detail					
	Reasons for referencing					



Seminar skills B	Preparing for seminars	Seminar skills	Listening	Follow up
Page 66	Working in groups Understanding task instructions	Giving a feedback presentation Organising a group presentation Introducing a group presentation	Creating an effective presentation	Giving a mini-presentation
Unit 5 Culture, science	Reading	Listening and speaking	Writing	Grammar and vocabulary
and society	Preparing to read	Giving opinions in	Using primary and secondary	Complex noun phrases 1
Page 70	Identifying the main points Understanding meaning in context Vocabulary building: formal and informal verbs Reading in detail Evaluating websites	presentations Presentation practice	sources Writing practice Writing up research: writing an introduction	Classifying nouns Compound adjectives Specialist terms: collocation Language-announcing goals in research paper introductions
Unit 6 Ways of studying in	Reading	Listening and speaking	Writing	Grammar and vocabulary
higher education Page 82	Reading efficiently Practice in reading efficiently Understanding the relationship between research findings Vocabulary in context: movement up and down Vocabulary building: dependent prepositions Reading in detail	Presenting and explaining results in charts Presentation practice	Choosing between paraphrase and quotation Quotation conventions Writing up research: the literature review Writing practice	Complex noun phrases 2 Producing compound nouns as-clauses: referring to the work of others of which: expressing ideas efficiently
Lecture skills C	Preparing for lectures	Listening	Language focus	Follow up
Page 94	Thinking about the content of lectures Understanding introductions	Understanding detailed points; making notes Understanding the main point	Recognising quotes Recognising examples that support key points	Responding to questions posed in a lecture Lecture structure
Unit 7 Marketing and	Reading	Listening and speaking	Writing	Grammar and vocabulary
consumers Page 98	Evaluating academic texts: a book review Vocabulary building 1: understanding complex noun phrases Vocabulary building 2: word families Reading in detail	Conclusions and recommendations Presentation practice	Organising information in sentences Writing up research: the Methods section	Irregular plural nouns Noun + passive verb combinations in Methods sections Using it-clauses to organise Information Word families in texts Problem words: adopt and adapt
Unit 8 Criminology	Reading	Listening and speaking	Writing	Grammar and vocabulary
Page 110	Making predictions Vocabulary building 1: adjectives Vocabulary building 2: verbs Reading in detail Understanding plagiarism	Dealing with questions in presentations Presentation practice	Organising information in texts Writing up research: the Results section Writing practice	Problem words: comprise, be composed of, consist of, constitute, make up, include Classifying phrases Problem–solution phrases Word order in as-clauses



Lecture skills D	Preparing for lectures	Listening	Language focus	Follow up
Page 122	Thinking about the content of lectures Vocabulary for the context	Practice in gist and detailed listening 1 Recognising lecture introductions Recognising lecture styles Practice in gist and detailed listening 2	Understanding lecture structure	Further listening practice
Unit 9 Families and	Reading	Listening and speaking	Writing	Grammar and vocabulary
relationships Page 126	Understanding the writer's opinion Inferring the meaning of words Vocabulary building: word families Reading in detail Understanding figures	Your relationship with your supervisor Formality and politeness in arranging meetings	Writing a critique Writing up research: the Discussion section	Collocation: evaluative language in critiques Hedges Problem words: tendency, tend, trend Comparing results in Discussion sections
Unit 10 Communicating	Reading	Listening and speaking	Writing	Grammar and vocabulary
science Page 138	Following the argument in a long article	Working with your supervisor: ending a meeting	Writing practice Editing your work Writing up research: the Abstract	Punctuation: colons and semi-colons Conditional expressions
Lecture skills E	Preparing for lectures	Listening	Language focus	Follow up
Page 150	Discussion on culture Vocabulary for the context Understanding slides and predicting content	Practice in gist and detailed listening	Signposting language Referring to diagrams	Further listening What happens in lectures

AudioscriptsPage 154AppendicesPage 168WordlistPage 173