

## TO THE LECTURER

We are fully aware of the increasing pressures on lecturers' time and the diversity of student intake. With this in mind the website now includes a full and newly-written set of Microsoft® PowerPoint slides which include references to the appropriate sections of the book. It also includes a full set of worked solutions to the ASSESSMENT questions and a testbank of 500 further questions, which students cannot access.

The book aims to be self-sufficient for the student. We have written it to explain enough for the student to take away concepts and not just learn 'parrot fashion'. The *Essential Maths* part is extensive and not just a revision chapter. It has been tried and tested over several editions and explains the concepts fully so that, if necessary, students with a weak maths background can use it for self-study to 'catch up'. Unlike some texts in quantitative methods, *Describing Data*, *Probability* and *Statistics* provide enough explanation and context to enable the reader to tackle their own statistical analyses for projects and reports.

The students' section of the website includes web-based multiple choice questions and all the data sets used in this book.

## TO LECTURERS WHO USED THE PREVIOUS EDITION

The chapter on estimation, (S1) has been extensively revised and now includes a section on different types of sampling, including stratified and cluster sampling. Also, by request, new material on crashing projects has been included in BM2, Planning Projects.

Each chapter of the *Business Modelling* part now contains a section on 'Moving on to the real world'. This addition aims to bridge the gap between the quantitative work of the chapter and current use of the technique in business and industry. It links to further material on the companion website.

The companion website has been completely redesigned. It is now much more user-friendly, and has been expanded and updated. It includes a new, complete set of Microsoft® PowerPoint lecture notes. Data sets, now clearly labelled, are available for all the data exercises in the book, and there are several 'large' data sets for projects. Links to the website are indicated throughout the text with this icon:

