

Revise BTEC National Computing Revision Guide: (with Free Online Edition) (REVISE BTEC Nationals In Computing)

Provides two candidate handbooks to match the specifications of Edexcel and OCR for A2 Level GCE Travel and Tourism. Each book contains colourful photographs, illustrations, and activities and exercises for candidates to learn how to apply theory to real-life contexts. The aim of this book is to provide comprehensive coverage of topics in Unit 1 of the BTEC Level 3 course in Information Technology in an interesting and approachable manner. If you are studying this course, you need to notice, read about, experience and analyse the impact and implications of current and emerging digital technologies. Examples and case studies from scenarios and events that have recently been in the news are used to bring the subject to life. Reading and discussing articles from quality newspapers, whether printed or online, discussing relevant TV documentaries, noticing and analysing the use of digital technology in countless aspects of life, as well as learning from a textbook, are all going to contribute to a successful exam result. The book is divided into six sections corresponding to the six Learning Aims outlined in the specification, complementing each of the PG Online teaching resource packs. These sections are divided into between four and eight chapters, each containing material that can be covered in one or two lessons. The chapters have in-text questions which can be used as discussion points in a lesson. An extra chapter at the end of Learning Aim B on "Drawing System Diagrams" will be useful for students faced with a question on the exam for which they are required to draw such a diagram. In addition to almost 100 in-text questions and discussion points, there are over 80 end-of-chapter exercises that are designed to give practice in answering exam-style questions, using command words such as state, describe, explain, analyse. As much practice as possible is needed in answering such questions and getting feedback from the teacher so as to understand how to gain the maximum possible marks in the final exam. Construction Mathematics is an introductory level mathematics text, written specifically for students of construction and related disciplines. Learn by tackling exercises based on real-life construction maths. Examples include: costing calculations, labour costs, cost of materials and setting out of building components. Suitable for beginners and easy to follow throughout. Learn the essential basic theory along with the practical necessities. The second edition of this popular textbook is fully updated to match new curricula, and expanded to include even more learning exercises. End of chapter exercises cover a range of theoretical as well as practical problems commonly found in construction practice, and three detailed assignments based on practical tasks give students the opportunity to apply all the knowledge they have gained. Construction Mathematics addresses all the mathematical requirements of Level 2 construction NVQs from City & Guilds/CITB and Edexcel courses, including the BTEC First Diploma in Construction. Additional coverage of the core unit Mathematics in Construction and the Built Environment from BTEC National Construction, Civil Engineering and Building Services courses makes this an essential revision aid for students who do not have Level 2 mathematics experience before commencing their BTEC National studies. This is also the ideal primer for any reader who wishes to refresh their mathematics knowledge before going into a construction HNC or BSc.

Automotive Science and Mathematics

ClearRevise OCR GCSE Computer Science J277

My Revision Notes: OCR GCSE (9-1) Business

BTEC Level 3 National IT Student

BTEC National Sport and Exercise Science Student Book

Please note: Specification changes to Unit 3 were announced by Pearson in late May 2021. These changes will apply to learners sitting Unit 3 exams from January 2022 and onwards. This means that Unit 3 within this book does not now match the revised book remain unchanged. There is a new Book 2 Revised Edition for the revised Unit 3 specification coming in Spring 2022. / Written by Cara Flanagan and other leading authors, two books support the Pearson BTEC Level 3 National in Applied Psychology and covers the Extended Certificate Units and Book 1 covers the Certificate Units. The Extended Certificate comprises of four units - the Certificate Units plus Health Psychology and one optional unit. / Each book provides knowledge and evaluation of theories and engaging activities to deliver the vocational element; / Activities aim to prepare you for internal and external assessments; / A brilliant visual style and tone will encourage you through every step of the course.

Suitable for all A-Level Computer Science syllabuses and for BTEC(N) Computing courses, this text also provides background reading for those studying for GNVQ Advanced Information Technology. It has been revised in line with the 1997 A-Level syllabuses, summaries.

This Revision Workbook delivers hassle-free question practice for the new, next generation BTEC First in Sport.

Construction Mathematics

BTEC National Engineering

Whitaker's Book List

WJEC Level 3 Applied Certificate & Diploma Criminology: Study and Revision Guide

Health & Social Care

Ensure every student can become fluent in Python with this highly practical guide that will help them understand the theory and logic behind coding. Written for 14-16-year olds by a leading Python specialist and teacher, and aligned to curriculum requirements, this essential Student Book provides numerous practice questions and coding problems that can be completed as homework or during class - plus answers can be found online at www.hoddereducation.co.uk/pythonextras How to Code in Python will: This unique book can be broken down into three key features:Code theory and explanations (worked examples) in a fun and accessible way Computational thinking puzzles for the reader to solve; this will greatly improve students' ability to read code and predict its effect and output when runProgramming problems where the reader has to write a program to solve given scenarios Greg Reid is a very experienced Computer Science teacher in Scotland, who has written How to Pass Higher Computer Science and Higher Computing Science Practice Papers for Hodder Gibson.

This Revision Workbook delivers hassle-free hands-on practice for the externally assessed units.

This title contains many features to aid learning and teaching. Activities and reflections provide additional ideas for lessons and homework tasks, case studies and theory in practices add the important real-world focus, so you don't have to spend time looking for your own examples, and assessment zones and assessment practices guide learners through internal and external assessment, with practice questions to help them achieve their potential.

Tackling A Level Projects in Computer Science OCR H446

Book 2

Core Units for BTEC Higher Nationals in Computing and IT

Revise BTEC National Animal Management Revision Workbook

Revise BTEC National Applied Science Revision Guide

Tackling A Level projects in Computer Science for OCR H446 is the essential student guide for completing the project and, in particular, the report, with confidence and independence. It contains clear and concise instruction and examples of what needs to be included. This book covers it all

Illustrated revision and practice. Absolute clarity is the aim with a new generation of revision guide for the 2020s. This guide has been expertly compiled and edited by successful former teachers of Computer Science, highly experienced examiners and a good dollop of scientific research into what makes revision most effective.

Exam board: AQA Level: GCSE Subject: Engineering First teaching: September 2017 First exams: Summer 2019 Build a foundation of knowledge alongside practical engineering skills for the 2017 AQA GCSE (9-1) Engineering specification, inspiring your students' problem solving skills for the NEA and beyond. This accessible textbook sets out clear learning objectives for each topic, with activities to reinforce understanding and examples that will support all students with the maths and science skills needed. - Builds knowledge of materials, manufacturing processes, systems, testing and investigation methods and modern technologies - Helps students to apply practical engineering skills to design and make imaginative prototypes that solve real and relevant engineering problems - Develops mathematical understanding with clear worked examples for all equations and maths skills and questions to test knowledge - Includes guidance on how to approach the non-exam assessment (NEA) with creativity and imagination - Prepares for the written exam with advice, tips and practice questions

Revise BTEC National Engineering Revision Workbook

BTEC First in Applied Science: Principles of Applied Science Unit 1 Revision Guide

New KS3 Computing Complete Revision & Practice

Pearson BTEC Level 3 in Information Technology

Understanding Computer Science for Advanced Level

This Revision Guide has been specifically written for externally assessed Unit 1: Principles of Science in Award 1 of the Level 2 BTEC Firsts in Applied Science. The guide is organised by the assessment structure of the qualification and gives students guidance on the external assessment.

Suitable for BTEC National Sport and Exercise Sciences to match Edexcel's 2007 specification, this book covers the curriculum in manageable chunks that link to the specification headings, so that students can be confident that they have covered the underpinning theory they need. It features a full-colour format.

Now in its eighth edition, Higher Engineering Mathematics has helped thousands of students succeed in their exams. Theory is kept to a minimum, with the emphasis firmly placed on problem-solving skills, making this a thoroughly practical introduction to the advanced engineering mathematics that students need to master. The extensive and thorough topic coverage makes this an ideal text for upper-level vocational courses and for undergraduate degree courses. It is also supported by a fully updated companion website with resources for both students and lecturers. It has full solutions to all 2,000 further questions contained in the 277 practice exercises.

For the 2016 Specifications

Revise BTEC National Business Revision Workbook

Revise BTEC National 2016 Computing Revision Guide Print

Revise BTEC National Information Technology Revision Workbook

This title covers all three mandatory units and a selection of optional units, with each presented in topics to ensure the content is accessible and engaging for learners. It covers all the underpinning knowledge and understanding needed at level 2 to ensure that learners are fully prepared for this course.

The perfect companion to the popular Level 3 Criminology Student Book from Illuminate, this Study and Revision Guide summarises key information in a manageable and highly-visual way. // Written by experienced teachers and examiners it includes a wealth of practice exam questions and model answers to help students refine their exam technique. // Offers invaluable guidance to ensure students are well prepared for the controlled assessments with a summary covering key points for the Assessment Criteria. // Criminological theories are broken down and advice is provided to help students apply and evaluate these theories. // Engaging activities and other stimulating features such as 'Take it further', 'Test Yourself' and 'Explore Online' consolidate learning and encourage students to put their knowledge into action.

This is a complete teaching and learning package for the 2011 specifications helping both students and tutors to get the best results.

BTEC First in Sport Revision Workbook

Pearson BTEC National Applied Psychology

BTEC Level 2 Firsts in Sport

Second Edition

Python Challenge!

Absolute clarity is the aim with a new generation of revision guide for the 2020s. This guide has been expertly compiled and edited by successful former teachers of Computer Science, highly experienced examiners and a good dollop of scientific research into what makes revision most effective. Past examinations questions are essential to good preparation, improving understanding and confidence. This guide has combined revision with tips and more practice questions than you could shake a stick at. All the essential ingredients for getting a grade you can be really proud of. Each specification topic has been referenced and distilled into the key points to make in an examination for top marks. Questions on all topics assessing knowledge, application and analysis are all specifically and carefully devised throughout this book.

Syllabus: CfE (Curriculum for Excellence, from Education Scotland) and SQA Level: BGE S1-3: Third and Fourth Levels Subject: Computing Science and Digital Literacy Create, innovate, solve problems, achieve. Through 30% theory and 70% practical work, pupils are challenged and motivated to develop their skills, knowledge and understanding from S1 to S3. Covering all CfE Third and Fourth Level Benchmarks for Technologies: Computing Science and Digital Literacy, this ready-made and differentiated course puts progression for every pupil at the heart of your curriculum. B" Follow a consistent, classroom-tested lesson structure: B" Build and apply computational thinking skills: B" Meet the needs of each pupil in your class: B" Effectively check and assess progress: /BWork it out' knowledge-check questions support formative assessment within each lesson, helping you to monitor progression against the Experiences & Outcomes and BenchmarksbrbrB" Lay firm foundations for National qualifications: B" Deliver the 'responsibility for all' Es and Os:

First Published in 2007. Routledge is an imprint of Taylor & Francis, an informa company.

Revise Btec National Health and Social Care Revision Workbook

Travel & Tourism

Children's Play, Learning and Development

AQA GCSE (9-1) Engineering

BTBTEC Nationals Business Student Book 1 + Activebook

Automotive technicians and students need a firm grasp of science and technology in order to fully appreciate and understand how mechanisms and systems of modern vehicles work. Automotive Science and Mathematics presents the necessary principles and applications with all the examples and exercises relating directly to motor vehicle technology and repair, making it easy for automotive students and apprentices to relate the theory back to their working practice. The coverage of this book is based on the syllabus requirements of the BTEC First in Vehicle Technology, BTEC National in Vehicle Repair and Technology, and the IMI Certificate and Diploma in Vehicle Maintenance and Repair, but will help all automotive students and apprentices at levels 2 and 3 and up to and including HNC/HND, foundation and first degree with their studies and in achieving the Key Skill 'Application of Number' at levels 2 and 3. The book is designed to cater for both light and heavy vehicle courses. Full worked solutions of most exercises are available as a free download for lecturers only from <http://textbooks.elsevier.com>. Allan Bonnick is a motor vehicle education and training consultant and was formerly Head of Motor Vehicle Engineering, Eastbourne College. He is the author of several established automotive engineering textbooks.

Exam board: OCR Level: GCSE Subject: Business First teaching: September 2017 First exams: Summer 2019 Target success in OCR GCSE (9-1) Business with this proven formula for effective, structured revision; key content coverage is combined with exam-style tasks and practical tips to create a revision guide that students can rely on to review, strengthen and test their knowledge. With My Revision Notes every student can: - Plan and manage a successful revision programme using the topic-by-topic planner - Consolidate their knowledge by working through clear and focused coverage of the OCR GCSE Business specification - Test understanding and identify areas for improvement with regular 'Check your understanding' activities and answers, plus end-of-topic 'I can' checklists - Improve exam technique through practice questions, expert tips and examples of typical mistakes to avoid - Revise, remember and accurately use key business terms with definitions alongside the text for quick and easy reference

This must-have textbook provides wider reading and broad, underpinning knowledge for Level 3 students on a range of courses.

Higher Engineering Mathematics

BTEC National Health and Social Care Revision Workbook

Progress in Computing: Key Stage 3

ClearRevise Edexcel GCSE Computer Science 1CP2

BGE S1-S3 Computing Science and Digital Literacy: Third and Fourth Levels

Higher National Computing 2e is a new edition of this extremely successful course book, updated specifically to cover the compulsory core units of the 2003 BTEC Higher National Computing schemes. Full coverage is given of the four core units for HNC, the two additional core units required at HND, and the Core Specialist Unit 'Quality Systems', common to both certificate and diploma level. Students following the HNC and HND courses will find this book essential reading, as it covers the core material they will be following through the duration of their course.

Knowledge-check questions and activities are included throughout, resulting in a clear and straightforward text which encourages independent study. Like the syllabus itself, this book is ideal for students progressing to HNC / HND from GNVQs, as well as A-Level and BTEC National, with content designed to cover the requirements of students following General Computing, Software Engineering and Business IT courses. * Full coverage of the seven compulsory core units of the new BTEC Higher National Computing schemes from Edexcel, for both Certificate and Diploma * Student-centred approach ideal for courses with an element of independent study * Knowledge-check questions and activities included throughout, to aid student learning

Learn to program fast in 155 challenges, 54 examples and 85 pages This book is a 'gamified' approach to Python, aimed at supporting GCSE and KS3 students, with complete coverage of the GCSE programming requirements. There's no substitute for practice when it comes to learning a new skill! Python syntax is simple to learn, but becoming an expert in writing programs to solve different kinds of problems takes a bit longer. That's why this book has a short explanation of each new statement or technique, followed by one or more examples and then loads of practice challenges. Some of the challenges will take you only a minute or two, using the Python Interactive window to try out new statements and get immediate results. As you get further into the book, you will be challenged to write programs to perform different kinds of tasks - for example to find the results of a calculation, write a program for a simplified cash machine, sort a list of items into alphabetical order, or to record data in a text file to be read, formatted, and printed. The programming solutions to some challenges have been helpfully simplified for an inexperienced programmer to modify rather than to write from scratch. This builds your confidence in problem-solving. That's why 35 challenges consist of partially written programs for you to complete.

Revise BTEC National Computing Revision WorkbookREVISE BTEC Nationals in Computing

Higher National Computing

Revise BTEC National Computing Revision Workbook

Unit 1

Btec First Information & Creative Technology. Student Book

Revise BTEC National 2016 Computing Revision Guide

BTEC Level 2 Firsts in Sport Student Book: Second Edition has been fully revised to match the new BTEC specification for first teaching September 2013. It uses the same active, accessible approach that you know and love, but with updated content to support all the units in the specification and the new external assessment.

How to code in Python: GCSE, iGCSE, National 4/5 and Higher