



Foundation Course in Software Testing
CDROM, Internet and Intranet Based Training Resources



accredited

www.gerrardconsulting.com

TECHNOLOGY BASED FOUNDATION COURSE IN SOFTWARE TESTING

Gerrard Consulting are accredited by the Information Systems Examination Board (ISEB) to provide classroom based training courses that support the Foundation Certificate in Software Testing. As an alternative to classroom based courses, we have converted this training material to a Technology Based Training (TBT) format so courses can be taken using a CDROM, online via the Gerrard Consulting website or installed on your own Intranet.

The TBT version has been created from our accredited material and translated into the new format with a significant amount of new and narrative material added. It is more comprehensive than our classroom course. Our pass rate for the TBT version is 92%.

COURSE CONTENT

The course content comprises a full set of presentation slide documentation, a guideline for the IEEE 829 Standard for Test Documentation, a sample Master Test Plan, revision aids, exercises and a mock examination, with answers.

THREE WAYS TO TAKE THE COURSE

CDROM

The CDROM contains all the material for the course. You'll need a CDROM drive and a browser. Recent versions of Internet Explorer and Netscape are included on the CDROM. The course licence period will terminate on the day of the ISEB examination (but never less than six weeks after purchase) to ensure that you have ample time to take the course. At the end of the licence period, the course material will still work and be available to you, but it will remind you that the licence period is over. The CDROM will continue to be an ongoing resource for you to use. The terms of the licence require that only the person named on the licence should use the CDROM to prepare for the ISEB examination.

Gerrard Consulting Web Site

You may access the course on the Gerrard Consulting Web site with a username and password supplied by us. Just like the CDROM version, the on-line training account will terminate on the day of the ISEB examination (but never less than six weeks after purchase) to ensure that you have ample time to take the course. In parallel with the on-line course, we will supply a full CDROM with the identical material for you to keep after the online course has expired.

Course Materials on Your Intranet

We will be pleased to discuss how you can install the training course on your Intranet. This gives you the freedom to make the course available to all of your employees.

PRICE

The TBT version of the course is £350 per course. In the case of the Intranet option, the material is licensed for a year and the pricing depends on the number of users who will be accessing it. Please call us if this option is of interest.

FEATURES AND BENEFITS

- The TBT course has been written by practitioners, so many of the theoretical concepts introduced in the ISEB syllabus are illustrated with real world descriptions. The narrative text was transcribed from a recent live classroom course given by Paul Gerrard. Even the jokes were captured (but not the laughter).
- The material is identical in content to the licensed presentation but is supplemented by the on-line trainer's narrative, just like the live course. Questions are raised every few slides and multiple-choice answers provided to give students exam practice. Students cannot advance further until the correct answer is selected.
- If required, the static course can be enhanced by a database that allows course progress and Q&A performance to be logged. Other features make this an economic alternative or supplement to traditional courses.
- Take the course in your own time at your own pace. Freelancers in particular, can take the course and examination for around one third of the cost by losing only half of one day's fees. Permanent staff need not be lost to their project teams for three whole days, but can spread the course work over weeks, if required.
- Get approximately 50% more for your money - the explanatory text included in the course considerably expands on the transcription of the classroom course.
- Give yourself time to pass the examination. In our experience, the majority of candidates who fail the examination do so because 2.5 days is not enough time to assimilate the 100+ terms and concepts introduced in the course material. Even experienced people need time to accommodate the differences in terminology.
- The course is peppered with over 100 questions that are in the same format as the real examination questions. These make the course more interesting and provide continuous feedback on your progress.
- The course goes beyond the ISEB syllabus to provide a more rounded coverage of the topics. This material is highlighted so you don't need to spend time on this if you don't want to.
- Exam Hot Spots are indicated on slides that cover material that is a favourite with the examiners. A priority for your revision!
- Included in the material is a 'crib sheet' covering all the most important terms and concepts that you can use to steer your last minute revision.
- The course includes a mock examination (with answers) consisting of 30 questions (N.B. the real examination has 40 questions.)
- Get Email support from the course authors. Every slide has a 'Problem?' button that will address an email to us, tagged with the slide number. We will eventually build a Frequently Asked Questions database to complement the course. We will make this part of the product as well as hosting a forum on our web site.

WHAT DO OTHERS THINK?

- "Extremely thorough, more demanding than I envisaged".
- "The general concept is very good, and effective; excellent if I pass the exam!" (he did).
- "Overall I have recommended that the web based training be given serious consideration for potential future candidates."
- "...the course has been extremely interesting and useful to me and I hope my comments have been of value to you."
- "Good luck with the marketing of this course, I believe that you have identified a need."

- "The course content is very informative and beautifully written."
- I sat the "Foundation Certificate" examination through a Prometric testing centre and passed with 85%. I was very pleased with this result, as the exam was rather difficult as you predicted. The questions posed were all 'applied questions' i.e. you had to thoroughly understand the course content and then apply that knowledge in answering the questions. I just wanted to write and compliment you on your course. The course content was detailed and yet understandable, while the scope and topics covered were very comprehensive. I am sure that had I not studied your course, I would not have passed the ISEB examination. I assure you that your course quality cannot be matched by any company in the Johannesburg/Pretoria area. I would also like to thank you personally for your prompt replies to my many queries. I particularly appreciated it as the queries were spread out over the year since I first purchased the CD in Feb 2005. My experience with Gerrard Consulting has been a very pleasant one, which began with Julia who handled my numerous requests for documentation to satisfy the Bank, so promptly and efficiently.

COURSE SYLLABUS

This is a short summary of the syllabus for the course. If you want to see the detailed syllabus on which the course is based, it can be found on the ISTQB web site at <http://www.istqb.org>

Principles of testing:

Terminology; why testing is necessary; fundamental test process; psychology of testing; re-testing and regression testing; expected results and prioritisation.

Testing throughout the life-cycle:

Models for testing; economics of testing; high level test planning; acceptance testing; integration testing in the large function and non-functional system; integration testing in the small; component testing and maintenance testing.

Dynamic testing techniques

Black and white box testing; black and white box techniques; and error guessing.

Static testing

Reviews and the test process; types of review; and static analysis.

Test management

Organisation and configuration management; test estimation; monitoring and control; incident management; and standards for testing.

Tool support for testing

Types of CAST tool (Computer-Aided Software Testing); tool selection and implementation.

THE EXAMINATION

The Foundation Course in Software Testing is intended to help you study for the ISEB Foundation Certificate examination. The TBT version of our foundation course is ISEB Accredited. For individuals, the best option is to book a place on a public examination organised by ISEB. For companies using the TBT version, if there are five people or more sitting the examination, Gerrard Consulting can book an ISEB examiner to administer the examination at your site. The examinations are supervised by an ISEB invigilator. The

examination lasts one hour and comprises 40 multiple-choice questions. It is a closed-book exam and you may not take the question paper (or any other written materials) out of the examination room. ISEB normally notify examination results and send certificates two to three weeks later.

BOOKING AN ISEB EXAMINATION

Individuals wishing to make their own arrangements for the examination will have to book a place on a public examination with ISEB at.

ISEB Customer Services
The British Computer Society
1 Sanford Street
Swindon, Wiltshire SN1 1HJ
iseb@hq.bcs.org.uk
Tel: +44 (0) 1793 417417
Fax: +44 (0) 1793 480270

WHERE CAN I SEE A DEMONSTRATION OF THE COURSE?

Visit our web site www.gerrardconsulting.com and on the home page, there is a link to a demonstration of the material. Approximately 15% of the course material has been made available in the demo.

WHAT TECHNOLOGY DO I NEED?

The product has been tested on the following platforms:

- Internet Explorer 4 on Windows NT4, 2000
- Internet Explorer 5 or higher on Windows 95, 98, NT4, 2000, XP
- Netscape 4.5 or higher
- FireFox all versions

We have taken great care to use standard HTML, JavaScript and VBScript code and we anticipate few problems with less common platforms.

HOW CAN I ORDER A CD OR ACCESS THE ON-LINE VERSION?

The price of a single course is £350. Complete and fax the order form overleaf.

Call Julia Gerrard on +44 (0) 1628 639 173 or email julia@gerrardconsulting.com

FOR TEAMS OF 10 OR MORE OR COURSES ON YOUR INTRANET

If you wish to discuss your requirements for the Web Based training of large numbers (10 or more courses) or the installation of the product on your Intranet, call Sean Conley on +44 (0)20 7636 6060, email paul@gerrardconsulting.com

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GERRARD CONSULTING
FOUNDATION COURSE IN SOFTWARE TESTING
CDROM AND ONLINE COURSE ORDER FORM

I wish to order the Foundation Course in Software Testing:

___ CDROMs @ £350 plus VAT.

___ On-Line course accounts @ £350 plus VAT.

Total Order value (___ courses @ £411.25)

£ _____

Dr/Mr/Ms: ___ First Name: _____

Surname: _____

Company: _____

Address: _____

Postcode: _____

Country: _____

Telephone: _____

Fax: _____

Email: _____

ISEB Examination date (if booked):

Payment Method

- a) A purchase order is attached.
Purchase Order no: _____
- b) A cheque/bank draft in £ Sterling drawn on a UK bank is attached.

Billing address, if different from above:

Signature

Date

Please sign this form and send with remittance by cheque or company purchase order to the address below. (We cannot process unsigned forms).

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