

This comprehensive course was introduced to meet the demand for web site developers in one of the fastest growing areas of the education industry - The Internet and e-learning.

This course was specifically designed for teachers who want to learn how to design, create and develop web sites, and to support, update and maintain web sites.

This course covers web-site development from A to Z - from design to the final published site, including storyboards, graphics, text, tables, animation, forms, navigation systems, searches, registration, copyright, privacy policies and full documentation of the site. The course also covers techniques to reduce production time and maintenance.

During the course you will gain the background knowledge and experience needed to develop complex sites, that work. The course is 100% hands-on. There is no theory. Theoretical content is learned while practically developing web sites.

The course is presented using the Knowledge Network® ILAMM® (Integrated Learning and Mentoring Methodology).

Who should attend

The course concentrates on the design and development of school web sites. Creating graphics for web sites is covered on an advanced level. It is highly recommended that educators who do not have a good background in graphics attend a course in graphics before joining this course.

Course Portfolio

No one topic is covered in isolation and all topics are covered in relation to their function in a particular project. The course is project-based. Projects are web sites which are uploaded and rated online by industry leaders. At the end of the course, these projects form part of your web site portfolio.

Course Examination

During the course students are required to complete 2 web sites. The second site must be passed with a minimum mark of 70%. The final examination is a 4-hour practical examination and must also be passed with a minimum mark of 70%.

Course Mentors

Knowledge Network® mentors are computer professionals and web site developers.

Course Outline

Web-site development

- Elements of a world class web site
- Determining the purpose of the site
- The School's web-site image

Web page layout and design

- Making the site content-rich
- Creating a storyboard for the site
- Methods to attract repeat visits
- Layout design
- HTML standards
- The main elements of the site
- Consistency
- Administration and maintenance
- Putting existing documents on the web site
- Web site design tools
- Web site management tools
- HTML editors

Web page graphics

- Obtaining perfect web graphics - scanning and clipart libraries
- Creating graphics - image palettes, reducing colours, compression, interlacing, transparency, cropping and scaling images
- Creating buttons and icons
- Thumbnails, Image maps
- File formats - GIF and JPEG
- Animated GIF's and progressive JPEG's
- Making existing printed logos screen-friendly
- Screen colours versus printed colours

Introduction to HTML

Multimedia and animation

- Making multiple formats available
- Quicktime, AVI
- Real-time sound
- Inserting Multimedia files

Verifying and checking a web page

- Verifying HTML source and links
- Registering with WWW search servers
- Links to/from other web sites

Copyright issues

- Text and graphics content
- Multimedia content

- Sound content
- Applications

Internet Service Providers

- Communicating with Internet Service Providers
- Publishing FrontPage versus FTP

Course examination

The final practical examination is 4 hours.

Support

Support is offered via e-mail. The support e-mail address is ksupport@knowledgenetwork.co.za. If you have to miss a session during the course, contact the Knowledge Network® Course Coordinator who will tell you what you have missed.

Course starting dates and fees

Starting Date:

Ending Date:

Duration: 10 Weeks

Course Times: 14h30 - 17h30

Price: R4,500.00

Exam Date:

Exam Time: 09h00 - 13h00

How to register

Complete the registration form and fax it to Knowledge Network® on +27 11 803 9117.

How to pay

Payment is accepted by cash, cheque or bank deposit. Payment is required before the course starting date. If by bank deposit, the details of the deposit must be faxed or e-mailed to Knowledge Network® on +27 11 803 9117.