

HRODC Postgraduate Training Institute

 **A Postgraduate - Only Institution**



177.M5

**Computer Programming Essentials: Web Design
Techniques and Applications (2)**

Course or Seminar

Leading To:

**DIPLOMA - POSTGRADUATE IN
Computer Programming Essentials: Web Design
Techniques and Applications (2) (Double Credit)**

Accumulating to

POSTGRADUATE DIPLOMA

A Division of HRODC Ltd. UK Reg. No. 6088763. V.A.T. Reg. No. 8958 765 38

Prof. Dr. R.E. Crawford - Director HRODC Postgraduate Training Institute
PhD (London), MEd.M. (Bath), Ach. Dip. Ed. (Bristol), PGCE (TYU), ITC (UWI), KAAM, MAOM, LESAN, MSCOG, MISGS, Visiting Prof. P.U.P.

Registered with the UK Register of Learning Providers
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Skills (BIS), formerly Department of Innovation,
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UKRLP Registration No. 1001985
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Postgraduate Full-Time and Short Courses
London, UK & International Locations

Wolverhampton (HQ) Address: 122A Bhylls Lane, Wolverhampton, WV3 8DZ, United Kingdom Telephone: +44 (0) 1902 763 607 +44 (0) 1902 569 133 Mobile: +44 (0) 7736 147 507 Email: institute@hrodc.com Websites: www.hrodc.com www.hrodc-mobile.com www.hrodc-business-products-and-services.com	 <p>HRODC Postgraduate Training Institute www.hrodc.com</p>	London Office Address: 328 Linen Hall, 162-168 Regent Street London, W1B 5TD, United Kingdom Telephone: +44 (0) 2081 332 760 Mobile: +44 (0) 7736 147 507 Email: institute@hrodc.com Websites: www.hrodc.com www.hrodc-mobile.com www.hrodc-business-products-and-services.com
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HRODC Postgraduate Training Institute - UKRLP Registration

 HRODC Postgraduate Training Institute is Registered with the UK Register of Learning Providers (UKRLP), of the Department for Business, Innovation and Skills (BIS), formerly Department of Innovation, Universities and Skills (DIUS). Its Registration Number is 10019585 and can be verified at <http://www.ukrlp.co.uk/>

 HRODC Postgraduate Training Institute is a Division of Human Resource and Organisational Development Consultancy (HRODC) Limited. It is Registered in England UK, with Registration #6088763 and V.A.T. Registration No. 895876538

Course Coordinator:

Prof. Dr. R. B. Crawford – Director of HRODC Ltd. and Director of HRODC Postgraduate Training Institute, A Postgraduate-Only Institution. He has the following Qualifications and Affiliations:

- Doctor of Philosophy {(PhD) (University of London)};
- MEd. Management (University of Bath);
- Advanced Dip. Science Teacher Ed. (University of Bristol);
- Postgraduate Certificate in Information Systems (University of West London, formerly Thames Valley University);
- Diploma in Doctoral Research Supervision, (University of Wolverhampton);
- Teaching Certificate;
- Fellow of the Institute of Management Specialists;
- Human Resources Specialist, of the Institute of Management Specialists;
- Member of Academy of Management (MAoM), within the following Management Disciplines:
 - Human Resources;
 - Organization and Management Theory;
 - Organization Development and Change;

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- Research Methods;
 - Conflict Management;
 - Organizational Behavior;
 - Management Consulting;
 - Gender & Diversity in Organizations; and
 - Critical Management Studies.
- Member of the Asian Academy of Management (MAAM);
 - Member of the International Society of Gesture Studies (MISGS);
 - Member of the Standing Council for Organisational Symbolism (MSCOS);
 - Life Member of Malaysian Institute of Human Resource Management (LMIHRM);
 - Member of ResearchGate Community;
 - Member of Convocation, University of London;
 - Professor HRODC Postgraduate Training Institute.

Prof. Crawford was an Academic at:

- University of London (UK);
- London South Bank University (UK);
- University of Greenwich (UK); and
- University of Wolverhampton (UK).

For Whom This Course is Designed

This Course is Designed For:

- Web Designers;
- Senior Web Developers;
- Junior Web Developers;
- Desktop Publishers;
- Web Writers;
- Web Editors;
- Computer Programmers;
- Senior Web Designers;
- Junior Web Designers;

- Assistant Web Designers;
- Graphic and Web Designers;
- Front End Web Developers;
- Front-End CSS Developers;
- Associate Web Designer;
- I.T Staff;
- Those who are interested in Web Designing.

Duration: 10 Days

Cost: £10,000.00 Per Delegate

Please Note:

- V.A.T. (Government Tax) does not apply to Corporate Sponsored Individuals, taking Programmes or Courses in any location - within or outside the UK.
- It applies only to Individuals and Corporations based in the UK and to Non-UK Individual Residents taking courses in the UK.

Course and Programme Cost includes:

- Free Continuous snacks throughout the Event Days;
- Free Hot Lunch on Event Days;
- Free City Tour;
- Free Stationery;
- Free On-site Internet Access;
- Postgraduate Diploma/ Diploma – Postgraduate –or
- Certificate of Attendance and Participation – if unsuccessful on resit.

Students and Delegates will be given a Selection of our Complimentary Products, which include:

- HRODC Postgraduate Training Institute's **Leather Conference Folder**;
- HRODC Postgraduate Training Institute's **Leather Conference Ring Binder/ Writing Pad**;
- HRODC Postgraduate Training Institute's **Key Ring/ Chain**;
- HRODC Postgraduate Training Institute's **Leather Conference (Computer – Phone) Bag** – Black or Brown;
- HRODC Postgraduate Training Institute's **8GB USB Flash Memory Drive**, with Course Material;
- HRODC Postgraduate Training Institute's **Metal Pen**;
- HRODC Postgraduate Training Institute's **Polo Shirt**.

Daily Schedule: 9:30 to 4:30 pm.

Location: Central London and International Locations

Course Contents, Concepts and Issues

Module 5 Computer Programming Essentials: Web Design Techniques and Application (2)

Part 1: Web Design Imperatives An Overview of Cascading Style Sheets (CSS) (1)

- Pertinent Issues in CSS:
 - Fonts with CSS;
 - Text Properties with CSS;
 - Align and Indent Text with CSS;
 - Width and Height with CSS;
 - The Box Model;

- Margin and Padding with CSS;
- Borders with CSS;
- CSS3 Rounded Corners;
- Center Page Content with CSS;
- CSS3 Box Shadow and Text Shadow;
- CSS3 Background Clip and Origin;
- CSS3 Background Resize and Scale;
- CSS3 Opacity;
- CSS3 RGBA Color;
- CSS3 HSLA Color;
- CSS3 Gradients.

Part 2: Web Design Imperatives An Overview of Cascading Style Sheets (CSS) (2)

- CSS page Layout:
 - Normal Flow;
 - Float;
 - Clear a Float;
 - Overflow;
 - CSS Two-Column Page Layout;
 - Vertical Navigation with an Unordered List;
 - Horizontal Navigation with an Unordered List;
 - CSS Interactivity with Pseudo-Classes;
 - Practice with CSS Two-Column Layout;
 - Positioning with CSS;
 - Practice with Positioning;
 - CSS Sprites.

Part 3: Dealing with Website Links, Layout and Mobile Compatibility

- More on Relative Linking;
- Fragment Identifiers;
- Figure and Figcaption Elements;
- Practice with Floating Figures;
- More HTML5 Elements;
- HTML5 Compatibility with Older Browsers;
- CSS for Print;
- Mobile Web Design;
- Viewport Meta Tag;
- CSS3 Media Queries;
- Practice with Media Queries;
- Flexible Images;
- Testing Mobile Display.

Part 4: Creating Tables using HTML and CSS Programming for Websites

- Table Overview 266;
- Table Rows, Cells, and Headers 268;
- Span Rows and Columns 270;
- Configure an Accessible Table 272;
- Style a Table with CSS 274;
- CSS3 Structural Pseudo-classes 276;
- Configure Table Sections.

Part 5: Creating Forms using HTML and CSS Programming for Websites

- Form Overview 286;
- Text Box 288;
- Submit Button and Reset Button 290;

- Check Box and Radio Button 292;
- Hidden Field and Password Box 294;
- Textarea Element 296;
- Select Element and Option Element 298;
- Label Element 300;
- Fieldset Element and Legend Element 302;
- Style a Form with CSS 304;
- Server-Side Processing 306;
- Practice with a Form 308;
- HTML5 Text Form Controls 310;
- HTML5 Datalist Element 312;
- HTML5 Slider and Spinner Controls 314;
- HTML5 Calendar and Color-Well Controls 316;
- Practice with an HTML5 Form.

Part 6: Media Relativity and Web Publishing Methods and Techniques

- Media Relativity:
 - Plug-ins, Containers, and Codecs 330;
 - Configure Audio and Video 332;
 - Flash and the HTML5 Embed Element 334;
 - HTML5 Audio and Source Elements 336;
 - HTML5 Video and Source Elements 338;
 - Practice with HTML5 Video 340;
 - Embed a YouTube Video 342;
 - CSS3 Transform Property 344;
 - CSS Transition Property 346;
 - Practice with Transitions 348;
 - HTML5 Canvas Element.

Part 7: Media Relativity and Web Publishing Methods and Techniques

- Web Publishing:
 - Register a Domain Name 360;
 - Choose a Web Host 362;
 - Publish with File Transfer Protocol 364;
 - Search Engine Submission 366;
 - Search Engine Optimization 368;
 - Accessibility Testing 370;
 - Usability Testing.

Diploma – Postgraduate Short Course, and Postgraduate Diploma Programme, Regulation

Postgraduate Diploma and Diploma – Postgraduate: Their Distinction, Credit Value and Award Title

Postgraduate Short Courses of a minimum of five days' duration, are referred to as Diploma – Postgraduate. This means that they are postgraduate credits, towards a Postgraduate Diploma. A Postgraduate Diploma represents a Programme of Study, leading to an Award bearing that title prefix. We, therefore, refer to our short-studies as 'Courses', while the 'longer-studies', are regarded as Programmes. However, both study-durations are often referred to as 'Courses'. Another mark of distinction, in this regard, is that participants in a short-course are referred to as 'Delegates', as opposed to the term 'Students', which is confined to those studying a Postgraduate Programme.

Courses are of varying Credit-Values; some being Single-Credit, Double-Credit, Triple-Credit, Quad-Credit, 5-Credit, etc. These credits, therefore, accumulate to a Postgraduate Diploma. As is explained, later, in this document, a Postgraduate Diploma is awarded to students and

delegates who have achieved the minimum of 360 Credit Hours, within the required level of attainment.

Delegates studying courses of 5-9 days' duration, equivalent to 30-54 Credit-Hours (Direct Lecturer Contact), will, on successful assessment, receive the Diploma – Postgraduate Award. This represents a single credit at Postgraduate Level. While 6-day and 7-day courses also lead to a Diploma – Postgraduate, they accumulate 36 and 42 Credit Hours, respectively.

Postgraduate Diploma and Diploma - Postgraduate Assessment Requirement

Because of the intensive nature of our courses and programmes, assessment will largely be in-course, adopting differing formats. These assessment formats include, but not limited to, in-class tests, assignments, end of course examinations. Based on these assessments, successful candidates will receive the Diploma – Postgraduate, or Postgraduate Diploma, as appropriate.

In the case of Diploma – Postgraduate, a minimum of 70% overall pass is expected. In order to receive the Award of Postgraduate Diploma, candidates must have accumulated at least the required minimum 'credit-hours', with a pass (of 70% and above) in at least 70% of the courses taken.

Delegates and students who fail to achieve the requirement for Postgraduate Diploma, or Diploma - Postgraduate - will be given support for 2 re-submissions for each course. Those delegates who fail to achieve the assessment requirement for the Postgraduate Diploma or Diploma - Postgraduate - on 2 resubmissions, or those who elect not to receive them, will be awarded the Certificate of Attendance and Participation.

Diploma – Postgraduate and Postgraduate Diploma Application Requirements

Applicants for Diploma – Postgraduate – and Postgraduate Diploma are required to submit the following documents:

- Completed Postgraduate Application Form, including a passport sized picture affixed to the form;
- A copy of Issue and Photo (bio data) page of the applicant's current valid passport or copy of his or her Photo-embedded National Identity Card;
- Copies of credentials mentioned in the application form.

Admission and Enrolment Procedure

- On receipt of all the above documents we will assess applicants' suitability for the Course or Programme for which they have applied;
- If they are accepted on their chosen Course or Programme, they will be notified accordingly and sent Admission Letters and Invoices;
- One week after the receipt of an applicant's payment or official payment notification, the relevant Course or Programme Tutor will contact him or her, by e-mail or telephone, welcoming him or her to HRODC Postgraduate Training Institute;
- Those intending to study in a foreign country, and require a Visa, will be sent the necessary immigration documentation, to support their application;
- Applicants will be notified of the dates, location and venue of enrolment and orientation, where appropriate.

Modes of Study for Postgraduate Diploma Courses

There are three delivery formats for Postgraduate Diploma Courses, as follows:

1. Intensive Full-time (Classroom-Based) Mode (3 months). This duration is based on six hours' lecturer-contact per day, five days (30 hours) per week;

2. Full-time (Classroom-Based) Mode (6 month). This duration is based on two and a half days' lecturer-contact, equivalent to fifteen hours, per week;
3. Video-Enhanced On-Line Mode. This mode is achieved in twenty (20) weeks, based on three hours per day, six days per week.

Whichever study mode is selected, the aggregate of 360 Credit Hours must be achieved.

Introducing Our Video-Enhanced Online Study Mode

In a move away from the traditional online courses and embracing recent developments in technology-mediated distance education, HRODC Postgraduate Training Institute has introduced a Video-Enhanced Online delivery. This Online mode of delivery is revolutionary and, at the time of writing, is unique to HRODC Postgraduate Training Institute.

You are taught as individuals, on a one-to-one or one-to-small-group basis. You see the tutor face to-face, for the duration of your course. You will interact with the tutor, ask and address questions; sit examinations in the presence of the tutor. It is as real as any face-to-face lecture and seminar can be. Choose from a wide range of Diploma – Postgraduate Courses and approximately 60 Specialist Postgraduate Diploma Programmes. Accumulate short courses, over a 6-year period, towards a Postgraduate Diploma.

Key Features of Our Online Study: Video-Enhanced Online Mode

- The tutor meets the group and presents the course, via Video, in a similar way to its classroom-based counterpart;
- All participants are able to see, and interact with, each other, and with the tutor;
- They watch and discuss the various video cases and demonstrations that form an integral part of our delivery methodology;
- Their assessment is structured in the same way as it is done in a classroom setting;
- The Video-Enhanced Online mode of training usually starts on the 1st of each month, with the cut-off date being the 20th of each month, for inclusion the following month;

- Its duration is twice as long as its classroom-based counterpart. For example, a 5-day (30 Credit Hours) classroom-based course will last 10 days, in Video-Enhanced Online mode. This calculation is based on 3 hours tuition per day, adhering to the Institute's required 30 Credit-Hours;
- The cost of the Video-Enhanced Online mode is 67% of the classroom-based course;
- For example, a 5-day classroom-based course, which costs Five Thousand Pounds, is only Three Thousand Three Hundred and Fifty Pounds (£3,350.00) in Video-Enhanced Online Mode.

20-Week Video-Enhanced Online Postgraduate Diploma

You might study an Online Postgraduate Diploma Course, in 20 weeks, in the comfort of your homes, through HRODC Postgraduate Training Institute's Video-Enhanced Online Delivery. We will deliver the 360 hours 'Direct-Lecturer-Contact', as is required by our Institute's Regulation, within the stipulated 20 weeks. We aim to fit the tuition around your work and leisure, thereby enhancing your effective 'Life-Style Balance', at times convenient to you and your appointed tutor.

Cumulative Postgraduate Diploma Courses

All short courses can accumulate to the required number of hours, for the Postgraduate Diploma, over a six-year period from the first registration and applies to both general and specialist groupings. In this regard, it is important to note that short courses vary in length, the minimum being 5 days (Diploma – Postgraduate) – equivalent to 30 Credit Hours, representing one credit, as is tabulated below.

On this basis, the definitive calculation on the Award requirement is based on the number of hours studied (aggregate credit-value), rather than merely the number of credits achieved. This approach is particularly useful when a student or delegate studies a mixture of courses of different credit-values.

For those delegates choosing the accumulative route, it is advisable that at least two credits be attempted per year. This will ensure that the required number of credit hours for the Postgraduate diploma is achieved within the six-year time frame.

Examples of Postgraduate Course Credits: Their Value, Award Prefix & Suffix – Based on 5-Day Multiples		
Credit Value	Credit Hours	Award Title Prefix (& Suffix)
Single-Credit	30-54	Diploma - Postgraduate
Double-Credit	60-84	Diploma – Postgraduate (Double-Credit)
Triple-Credit	90-114	Diploma – Postgraduate (Triple-Credit)
Quad-Credit	120-144	Diploma – Postgraduate (Quad-Credit)
5-Credit	150-174	Diploma – Postgraduate (5-Credit)
6-Credit	180-204	Diploma – Postgraduate (6-Credit)
7-Credit	210-234	Diploma – Postgraduate (7-Credit)
8-Credit	240-264	Diploma – Postgraduate (8-Credit)
9-Credit	270-294	Diploma – Postgraduate (9-Credit)
10-Credit	300-324	Diploma – Postgraduate (10-Credit)
11-Credit	330-354	Diploma – Postgraduate (11-Credit)
12-Credit	360	Postgraduate Diploma
360 Credit-Hours = Postgraduate Diploma		
12 X 5-Day Courses = 360 Credit-Hours = Postgraduate Diploma		
10 X 6-Day Courses = 360 Credit-Hours = Postgraduate Diploma		

Accumulated Postgraduate Diploma Award Titles

All Specialist Postgraduate Diploma Programmes have their predetermined Award Titles. Where delegates do not follow a Specialism, for accumulation to a Postgraduate Diploma, they will normally be Awarded a General Award, without any Specialist Award Title. However,

a Specialist Award will be given, where a delegate studies at least seventy percent (70%) of his or her courses in a specialist grouping. These are exemplified below:

1. **Postgraduate Diploma in Accounting and Finance;**
2. **Postgraduate Diploma in Aviation Management;**
3. **Postgraduate Diploma in Business Communication;**
4. **Postgraduate Diploma in Corporate Governance;**
5. **Postgraduate Diploma in Costing and Budgeting;**
6. **Postgraduate Diploma in Client or Customer Relations;**
7. **Postgraduate Diploma in Engineering and Technical Skills;**
8. **Postgraduate Diploma in Events Management;**
9. **Postgraduate Diploma in Health and Safety Management;**
10. **Postgraduate Diploma in Health Care Management;**
11. **Postgraduate Diploma in Human Resource Development;**
12. **Postgraduate Diploma in Human Resource Management;**
13. **Postgraduate Diploma in Information and Communications Technology (ICT);**
14. **Postgraduate Diploma in Leadership Skills;**
15. **Postgraduate Diploma in Law – International and National;**
16. **Postgraduate Diploma in Logistics and Supply Chain Management;**
17. **Postgraduate Diploma in Management Skills;**
18. **Postgraduate Diploma in Maritime Studies;**
19. **Postgraduate Diploma in Oil and Gas Operation;**
20. **Postgraduate Diploma in Oil and Gas Accounting;**
21. **Postgraduate Diploma in Politics and Economic Development;**
22. **Postgraduate Diploma in Procurement Management;**
23. **Postgraduate Diploma in Project Management;**
24. **Postgraduate Diploma in Public Administration;**
25. **Postgraduate Diploma in Quality Management;**
26. **Postgraduate Diploma in Real Estate Management;**
27. **Postgraduate Diploma in Research Methods;**

- 28. Postgraduate Diploma in Risk Management;**
- 29. Postgraduate Diploma in Sales and Marketing;**
- 30. Postgraduate Diploma in Travel, Tourism and International Relations.**

The actual courses studied will be detailed in a student or delegate's Transcript.

Service Contract, incorporating Terms and Conditions

[Click, or copy and paste the URL, below, into your Web Browser, to view our Service Contract, incorporating Terms and Conditions.](#)

https://www.hrodc.com/Service_Contract_Terms_and_Conditions_Service_Details_Delivery_Point_Period_Cancellations_Extinuating_Circumstances_Payment_Protocol_Location.htm

The submission of our application form or otherwise registration by of the submission of a course booking form or e-mail booking request is an attestation of the candidate's subscription to our Policy Terms and Conditions, which are legally binding.

Prof. Dr. Ronald B. Crawford
Director
HRODC Postgraduate Training Institute