Online Computer Programming Essentials: Web Design Techniques and Applications (1) –
Leading to Diploma – Postgraduate in Computer Programming Essentials: Web Design Techniques and Applications (1),
Accumulating to Postgraduate Diploma

177.M4
Online Computer Programming Essentials: Web Design Techniques and Applications (1)

Course or Seminar

Leading To:
DIPLOMA - POSTGRADUATE IN
Computer Programming Essentials: Web Design Techniques and Application (1) (Double Credit)

Accumulating to
POSTGRADUATE DIPLOMA
Online Computer Programming Essentials: Web Design Techniques and Applications (1)

Course or Seminar

Leading To:

DIPLOMA - POSTGRADUATE IN
Computer Programming Essentials: Web Design Techniques and Application (1) (Double Credit)

Accumulating to

POSTGRADUATE DIPLOMA
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;
Online Computer Programming Essentials: Web Design Techniques and Applications (1) –
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- Organization and Management Theory;
- Organization Development and Change;
- 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;
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- 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:** 20 Days, Based On 3 Hours Per Day Tuition

**Cost:** £6,700.00 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.

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**Module 4**

**Video-Enhanced Online Computer Programming Essentials: Web Design Techniques and Application (1)**

Leading to Diploma – Postgraduate – in Computer Programming Essentials: Web Design Techniques and Application (1) (Double Credit)

Our Video-Enhanced Online Mode of delivery of this course is the same as being in a classroom – but virtually.

- This Video-Enhanced Online mode of delivery is Revolutionary and currently unique to HRODC Postgraduate Training Institute.
- The tutor will meet the group on Video and present the course, in the same way as though in a classroom.
- Where there is more than one participant, they will be able to see and interact with each other, and with the tutor.
They will watch and discuss the various video cases and demonstration videos that form an integral part of our courses.

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 the previous month. This cut-off date means that Admission should have been granted and fee payment received;

It will last twice as long as the classroom-based deliveries. 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, meeting 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, costs only Three Thousand Three Hundred and Fifty Pounds (£3,350.00) in Video-Enhanced Online Mode.

Module 4
Online Computer Programming Essentials: Web Design Techniques and Application (1)
Leading to Diploma – Postgraduate – in Computer Programming Essentials: Web Design Techniques and Application (1) (Double Credit)

Course Contents, Concepts and Issues

Part 1: Web Design Imperatives Introducing HTML (HypertextMark-up Language)

- The Internet and the Web;
- Web Standards and Accessibility;
- Information on the Web;
- Web Browsers and Web Servers;
- Internet Protocols;
Uniform Resource Identifiers and Domain Names;
HTML Overview;
Under the Hood of a Web Page;
Your First Web Page.

Part 2: Web Page Essentials: HTML Basics

- Heading Element;
- Paragraph Element;
- Line Break and Horizontal Rule;
- Block quote Element;
- Phrase Elements;
- Ordered List;
- Unordered List;
- Description List;
- Special Entity Characters;
- HTML Syntax Validation;
- Structural Elements;
- Anchor Element;
- Practice with Hyperlinks;
- E-Mail Hyperlinks.

Part 3: Programming: Web Design Essentials

- Design for Your Target Audience;
- Website Organization;
- Principles of Visual Design;
- Design to Provide for Accessibility;
- Use of Text;
- Web Colour Palette;
- Use of Colour;
- Use of Graphics and Multimedia;
More Design Considerations;
Navigation Design;
Wireframes and Page Layout;
Fixed and Fluid Layouts;
Design for the Mobile Web;
Responsive Web Design;
Web Design Best Practices Checklist.

Part 4: Web Page Essentials: CSS (Cascading Style Sheets)

Cascading Style Sheets Overview;
CSS Selectors and Declarations;
CSS Syntax for Color Values;
Configure Inline CSS;
Configure Embedded CSS;
Configure External CSS;
CSS Selectors: Class, Id, and Descendant;
Span Element;
Practice with CSS;
CSS Syntax Validation.

Part 5: Web Graphics Styling Essentials

Web Graphics;
Image Element;
Image Hyperlinks;
Configure Background Images;
Position Background Images;
CSS3 Multiple Background Images;
The Favorites Icon;
Configure List Markers with CSS;
Image Maps.
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.
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.

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.
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

<table>
<thead>
<tr>
<th>Credit Value</th>
<th>Credit Hours</th>
<th>Award Title Prefix (&amp; Suffix)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Single-Credit</td>
<td>30-54</td>
<td>Diploma - Postgraduate</td>
</tr>
<tr>
<td>Double-Credit</td>
<td>60-84</td>
<td>Diploma – Postgraduate (Double-Credit)</td>
</tr>
<tr>
<td>Triple-Credit</td>
<td>90-114</td>
<td>Diploma – Postgraduate (Triple-Credit)</td>
</tr>
<tr>
<td>Quad-Credit</td>
<td>120-144</td>
<td>Diploma – Postgraduate (Quad-Credit)</td>
</tr>
<tr>
<td>5-Credit</td>
<td>150-174</td>
<td>Diploma – Postgraduate (5-Credit)</td>
</tr>
<tr>
<td>6-Credit</td>
<td>180-204</td>
<td>Diploma – Postgraduate (6-Credit)</td>
</tr>
<tr>
<td>7-Credit</td>
<td>210-234</td>
<td>Diploma – Postgraduate (7-Credit)</td>
</tr>
<tr>
<td>8-Credit</td>
<td>240-264</td>
<td>Diploma – Postgraduate (8-Credit)</td>
</tr>
<tr>
<td>9-Credit</td>
<td>270-294</td>
<td>Diploma – Postgraduate (9-Credit)</td>
</tr>
<tr>
<td>10-Credit</td>
<td>300-324</td>
<td>Diploma – Postgraduate (10-Credit)</td>
</tr>
<tr>
<td>11-Credit</td>
<td>330-354</td>
<td>Diploma – Postgraduate (11-Credit)</td>
</tr>
<tr>
<td>12-Credit</td>
<td>360</td>
<td>Postgraduate Diploma</td>
</tr>
</tbody>
</table>

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 exampled 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;
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.

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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.