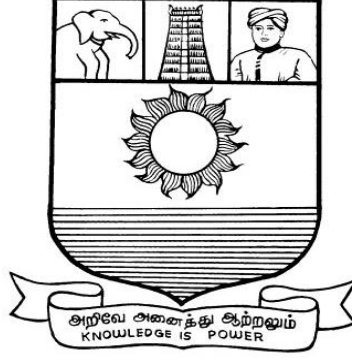


மனோன்மணியம் சுந்தரனார் பல்கலைக்கழகம்
திருநெல்வேலி - 627 012

**Manonmaniam Sundaranar University
Thirunelveli - 627 012.**



கல்விசார் நிலைக்குழுக் கூட்டம்

**MEETING OF THE STANDING COMMITTEE ON
ACADEMIC AFFAIRS HELD ON 09.02.2017**

**Syllabus for Diploma in Web Designing Course offered
through Directorate of Vocational Education
(Community Colleges and Extension Learning Programme)
from 2017 - 2018**

DIPLOMA IN WEB DESIGNING
SCHEME OF EXAMINATIONS

Subject code	Title of the Paper	Credits	Hours	Passing Minimum
First Semester				
C17WD11/E17WD01	Web Designing Principles	6	90	40/100
C17WD12/E17WD02	Graphics Designing using Corel Draw	6	90	40/100
C17WD13/E17WD03	Adobe Photoshop	6	90	40/100
C17CE10/E17CE10	Communicative English	6	90	40/100
C17WDP1/E17WDP1	Practical : Web Designing Lab	6	90	40/100
Second Semester				
C17WD21/E17WD04	Adobe Flash	6	90	40/100
C17WD22/E17WD05	Adobe Dream weaver	6	90	40/100
C17LS23/E17LS05	Life Skill	6	90	40/100
C17WD24/E17WD06	PHP & MYSQL	6	90	40/100
C17WDP2/E17WDP2	Practical : PHP & SQL Lab	6	90	40/100

Eligibility for admission: Pass in 12thstd examination conducted by the Govt. of Tamil Nadu Board of Secondary Education, Government of Tamil Nadu or any other equivalent examination.

Examination: Passing Minimum for each paper is 40%. Classification will be done on the basis of percentage marks of the total marks obtained in all the papers and as given below:

- | | |
|-------------------------|----------------|
| 40 % but less than 50 % | - Third class |
| 50 % but less than 60 % | - Second class |
| 60 % and above | - First class |

Syllabus

First Semester:-

- Paper I - Web Designing Principles
- Paper II - Graphics Designing using Corel Draw
- Paper III - Adobe Photoshop
- Paper IV - Communicative English
- Paper V - Practical : Web Designing Lab

Second Semester:-

- Paper VI - Adobe Flash
- Paper VII - Adobe Dream weaver
- Paper VIII - Life Skill
- Paper IX - PHP & MYSQL
- Paper X - Practical : PHP & SQL Lab

***(Semester Pattern for Community College Only)**

(C17WD11/E17WD01)Web designing principles

Unit I:

Web design Principles - Basic principles involved in developing a web site - Planning process - Five Golden rules of web designing - Designing navigation bar - Page design - Home Page Layout - Design Concept.

Unit II

Basics in Web Design - Brief History of Internet – What is World Wide Web – why create a website – web standards – Audience requirements.

Unit III :

Introduction to HTML – What is HTML - HTML Documents - Basic structure of an HTML document - Creating an HTML document - Mark up Tags - Heading-Paragraphs - Line Breaks - HTML Tags- Working with Text - Working with Lists, Tables and Frames - Working with Hyperlinks, Images and Multimedia - Working with Forms and controls.

Unit IV:

Introduction to Cascading Style Sheets - Concept of CSS - Creating Style Sheet - CSS Properties - CSS Styling(Background, Text Format, Controlling Fonts) - Working with block elements and objects - Working with Lists and Tables - Working with Lists and Tables - CSS Id and Class - Box Model-Creating page Layout and Site Designs.

Unit V:

Introduction to Web Publishing or Hosting - Creating the Web Site - Saving the site - Working on the web site - Creating web site structure - Creating Titles for web pages - Themes- Publishing web sites.

Book:

- 1.HTML in simple steps , Dreamtech press, Kogent Learning,2010.
- 2.Creating a Web Page and Web Site, Murray,Tom/Lynchburg,2008.

(C17WD12/E17WD02)Graphics Designing using Corel Draw

Unit I: Introduction to CorelDraw Getting Started - Moving Around and Viewing Drawings - Basic Drawing Skills Selecting and Manipulating Objects - Drawing and Shaping Objects - Arranging Objects

Unit II: Using Text Working With Text - Working With Objects - Outlining and Filling Objects - Using Symbols and Clipart - Transforming Objects

Unit III: Adding Special Effects Special Effects - Creating Output - Exporting Drawings - Printing

Unit IV: Customizing CorelDRAW Introduction - Customizing Options - Using Text and Color - Working With Color - Working With Paragraph Text - Special Text Effects - Layouts and Layers - Special Page Layouts - Arranging Objects - Using Layers

Unit V: Styles and Templates Using Styles and Templates - Advanced Effects - Special Interactive Effects - Custom Creation Tools - Working With Bitmaps - CorelTRACE and Corel R.A.V.E.

Reference Books:

- 1.CorelDraw In Simple Steps – Shalini Gupta,2011.
- 2.CorelDraw Bible - Deborah Miller,2009.

(C17WD13/E17WD03)ADOBE PHOTOSHOP

UNIT I: INTRODUCTION TO ADOBE PHOTOSHOP CS4 - About Photoshop - Navigating Photoshop - Menus and panels - Opening new files - Opening existing files.

UNIT II: Getting Started with Photoshop - Exploring the Toolbox - The New CS4 Applications Bar & the Options Bar - Exploring Panels & Menus - Creating & Viewing a New Document - Customizing the Interface - Setting Preferences.

UNIT III : Working with Images - Zooming & Panning an Image - Working with Multiple Images - Rulers, Guides & Grids - Undoing Steps with History - Adjusting Color with the New Adjustments Panel - The New Masks Panel & Vibrance Color Correction Command - The New Note Tool & the Save for Web & Devices Interface - The New Auto-Blend & Auto-Align Layers Commands - The New 3D Commands.

UNIT IV: RESIZING & CROPPING IMAGES - Understanding Pixels & Resolution - The Image Size Command - Interpolation Options - Resizing for Print & Web - Cropping & Straightening an Image - Adjusting Canvas Size & Canvas Rotation.

UNIT V: WORKING WITH BASIC SELECTIONS - Selecting with the Elliptical Marquee Tool - Using the Magic Wand & Free Transform Tool - Selecting with the Regular & Polygonal Lasso Tools - Combining Selections - Using the Magnetic Lasso Tool - Using the Quick Selection Tool & Refine Edge - Modifying Selections

Reference Books:

1. Teach Yourself Adobe Photoshop – Rose Carla, 2011.
2. Adobe Photoshop Cs Classroom In A Book By Adobe Press, 2011.

(C17CE10/E17CE10)Communicative English

Unit I: Learning context

Concept of learning – Learning style –Grammatical framework – sentence framing – paragraph and texts

Unit II: Reading

Basic concept – Purposes of reading-Decoding-Reading materials – Barriers of reading

Unit III: Writing

Basic concept-Writing style-Terminology-stages-English spelling and punctuation – Written texts

Unit IV: Speaking

Language functions-Conversation- Features of spoken English – Types of English course: functional English, English literature, advance English – Phonetic

Unit V: Developing Communication Skills

Meaning –Classroom presence- Features of developing learning process- Practical skills and Listening- uses of communicative English

References

1. Raman,m.&S.Sharma (2011) communication skills,OUP,New Delhi: India
2. Lata,P.&S.Kumar(2011) communication skills,OUP,New Delhi: India,
- 3.Leech,G&J.Svartvik(2002) A communicative grammar of English,Pearson,India,
4. Sethi,J. and P.V. Dharmija (2007) A course in Phonetics and spoken English.Second edition, Prentice hall: New Delhi

1. Acquaintance with elements, Tags and basic structure of HTML files.
2. Practicing basic and advanced text formatting.
3. Practicing use of multimedia components (Image, Video & Sound) in HTML document.
4. Designing of webpage-Document Layout.
5. Designing of webpage-Working with List.
6. Designing of webpage-Working with Tables.
7. Practicing Hyper linking of webpages.
8. Designing of webpage- working with Frames.
9. Designing of webpage- working with Forms and Controls.
10. Acquaintance with creating style sheet, CSS properties and styling.
11. Working with Background, Text and Font properties.
12. Working with list properties
13. Designing with cascading style sheet-Internal style sheet
14. Designing with cascading style sheet-External style sheet

(C17WD21/E17WD04)ADOBE FLASH

UNIT I:

Flash Editor — Panels – Timeline – Tools, saving and updating Files.

UNIT II:

More tools — utilities – Grouping – Arranging Graphic Symbols – Alignment – Libraries – Layers

UNIT III:

Graphic Symbols – Alignment – Libraries – Layers - Keyframes – Frame by Frame Animation – Onion Skins – Frame Rate.

UNIT IV:

Motion Tweening – Step Action – Rotate and Spin – Info Panel – Movie Explorer – Shape Tweening

UNIT V:

Button Symbols – getURL Action – Adding Sound to Buttons – Publishing and Exporting.

Reference Book:

1. Adobe Flash Professional CC Classroom in., Book by Russell Chun, 2011.

UNIT I:

Customizing Your Workspace - overview - Touring the workspace - Switching and splitting views - Working with panels. - Selecting a workspace layout - Adjusting toolbars.- Personalizing preferences. - Creating custom keyboard shortcuts. - Using the Property inspector.

UNIT II:

Adding Interactivity - Learning about Dreamweaver behaviors - Previewing the completed file - Working with Dreamweaver behaviors - Working with Spry Accordion widgets

UNIT III:

Working with Web Animation and Video - Understanding web animation and video - Previewing the completed file - Adding web animation to a page - Adding web video to a page

UNIT IV:

Working with Forms - Previewing the completed file - Learning about forms. - Adding a form to a page - Inserting text form elements. - Inserting checkboxes. - Creating radio buttons. - Incorporating text areas - Working with lists. - Adding a Submit button - Specifying a form action - Emailing form data - Styling forms

UNIT V:

Working with Online Data - Working with dynamic content - Previewing the completed file - Using HTML and XML data - Choosing a server model - Configuring a local web server - Setting up a testing server -Building database applications

Reference Book:

1. Adobe dreamweaver CS6 Classroom in a Book , Writer: James J. Maivald, 2011.

(C17LS23/E17LS05)LIFE SKILL

(Common to All Courses)

UNIT- I ATTITUDE : Positive thinking – Goal setting – Problem Solving and Decision making – Leadership and Team Work.

UNIT- II COMMUNICATION SKILLS: Oral communication: Concept of English language – Fluency – Verbal communication in official and public situations.

UNIT-III COMMUNICATION SKILLS: Written Communication: Comprehension – Writing a formal letter like application for Job, enquiry, reply, complaint and such others – preparation of Resume, Curriculum Vitae.

UNIT- IV COMPUTING SKILLS – 1: Introduction to Computers, its various components and their respective functions – Memory storage devices – Microsoft (MS) Office – MS Word.

UNIT - V COMPUTING SKILLS – 2 Internet Basics – Origin of Internet – MODEM – ISP – Upload – Download – e-mail – Origin of worldwide web (www) Browsers – Search engines.

Reference books:

Life skill, Manonmaniam Sundaranar University Publications Division (2011)

(C17WD24/E17WD06)PHP & MYSQL

UNIT I:

INTRODUCTION TO PHP - History of PHP - Apache Web Server - MySQL and Open Source - Relationship between Apache - MySQL and PHP (AMP Module) - PHP configuration in IIS - Apache Web server

UNIT II:

BASICS OF PHP - PHP structure and syntax - Creating the PHP pages - Rules of PHP syntax - Integrating HTML with PHP - Constants, Variables : static and global variable - Conditional Structure & Looping - PHP Operators - Arrays, for each constructs - User defined function,

argument function, Variable function - Return Function - default argument - variable length argument

UNIT III:

IMAGES WITH PHP - Working with GD Library - File types with GD and PHP -Compiling PHP with GD - Creating the image table - Uploading the image

UNIT IV:

INTRODUCTION TO MYSQL - MySQL structure and syntax - Types of MySQL tables and storages engines - MySQL commands - Integration of PHP with MySQL - Connection to the MySQL server - Working with PHP and arrays of data - Referencing two tables - Joining two tables

UNIT V:

WORKING WITH DATABASE - Creating a table - Manipulating the table -Filling the table with data - Adding links to the table - Adding data to the table - Displaying the new information - Displaying the movie details - Editing the database - Inserting a record - Deleting a record - Editing data.

Reference Books:

1.**Beginning PHP, Apache, MySQL Web Development** Elizabeth Naramore, Jason Gerner , Yann Le Scouarnec, Jeremy Stolz,Michael K. Glass, Gary Mailer - By Wrox Publication,2008.

2. **PHP, MySQL and Apache** - Julie C. Melone By Pearson Education,2009.

3.**Beginning PHP 5.3**by Matt Doyle - By Wrox Publication,2008.

4.**PHP and MySQL Bible** – Tim Converse and Joyce Park with Clark Morgan
By Wiley INDIA,2011.

(C17WDP2/E17WDP2)Practical-2: PHP & SQL LAB

1. Creating the PHP page
2. Programs using arrays and control and loop structures
3. Testing different PHP functions and user define function.
4. Creating forms using buttons, textboxes and other form elements.
5. Passing hidden information to the form processing script via hidden form controls and a URL query string.
6. Creating forms with sessions and cookies.
7. Error handling and exception creating error handling pages with PHP.
8. Enabling PHP setup to include the GD Library.
9. Allowing the user to upload their own images.
10. View the data contained in the My SQL database.
11. Connect to the database from your website.
12. Programs to manipulate the table.
