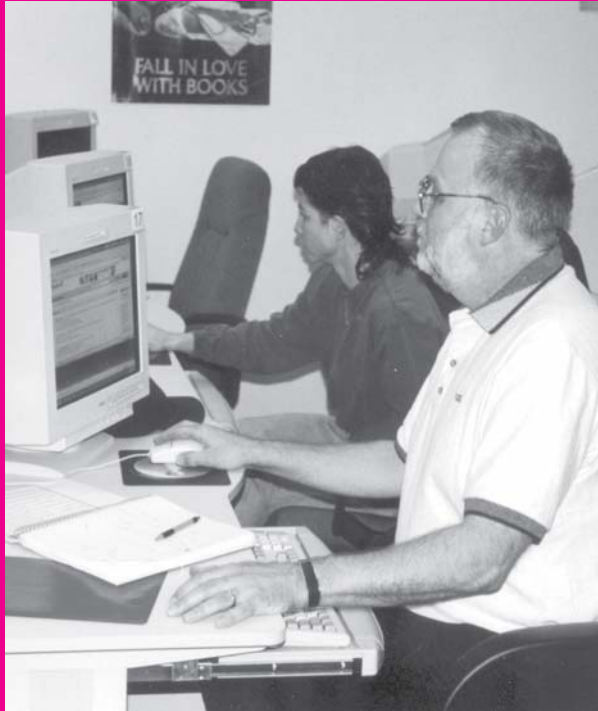


# WEB PAGE DESIGN

## **Web Page Design Certificate** **Associate of Applied Science in Business** **Associate of Applied Science in Technology**



### **Web Page Design Certificate**

Companies increasingly rely on the Internet to advertise and sell their products. Organizations and agencies also have important messages to convey to the public.

Web Page Designers have many career directions today with the important skills they possess. This is a basic certificate for those comfortable using computers and the Internet.

### **Certificate applies toward degree**

The 30 credit Web Page Design Certificate applies toward the 62 credit Associate of Applied Science in Business Degree or the 62 credit Associate of Applied Science in Technology Degree. These flexible Associate Degrees provide a wide range of experience aimed at helping students move directly into the workplace upon graduation.

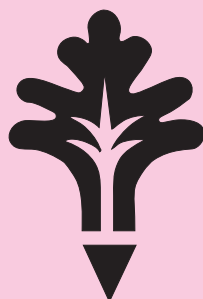
## **THE OUTLOOK**

Web Page Designers are “information architects” in every sense. They must create a plan for the page and develop and organize a structure for information. Detailed planning may be needed for more complicated material. It takes skill to bring visitors to the website and arrange the site for easy navigation. The importance of Web Page Designers continues to grow as more businesses realize they must have this new “store front” on the information highway.

According to the U.S. Department of Labor, graphic designers in this specialized area report an annual salary of \$25,000 at the low end to a high of over \$50,000 for this profession, with the average annual wage for an experienced individual of about \$37,950.

## **GLEN OAKS**

**COMMUNITY COLLEGE**  
62249 Shimmel Rd.  
Centreville, MI 49032  
467-9945  
1-888-994-7818  
[www.glenoaks.edu](http://www.glenoaks.edu)



# Web Page Design Certificate

This Certificate is designed for the individual seeking the knowledge to set-up and maintain a web page. The required courses cover programming skills, software usage and design principles needed to publish and maintain a quality web page.

This certificate may be applied towards the Associate of Applied Science in Business or the Associate of Applied Science in Technology. (See descriptions in right column).

## Required Coursework (21 credit hours)

EDP100 Using the Internet.....	1 Credit
EDP 101 Introduction to Computers & Software.....	4 Credits
EDP 171 Windows Operating Systems.....	3 Credits
EDP 214 Presentation Graphics & Publishing (PowerPoint/Publisher)*.....	3 Credits
EDP 240 Introduction to Networking*.....	2 Credits
EDP 252 Web Page Design level I*.....	3 Credits
EDP 253 Web Page Design level II*.....	3 Credits
EDP 254 Web Design and Programming level III*.....	3 Credits

## Electives (9 credit hours)

BAD 251 Principles of Marketing*.....	3 Credits
BAM101 Foundations of Business.....	3 Credits
BAM 110 Foundations of Entrepreneurship.....	2 Credits
BAM 200 Principles of Entrepreneurship*.....	3 Credits
COM 111 Business/Technical Communications*.....	4 Credits
EDP 117 Visual Basic Programming*.....	3 Credits
EDP 242 Managing & Maintaining a Network Server*.....	3 Credits

**Minimum Required Hours.....30 Credits**

\*Courses have prerequisite  
Effective: Fall 2006



# Assoc of Applied Science in Business

## Requirements:

### Communications (10 credit hours)

COM 121 English Composition*.....	3 credits
COM111 Business/Technical Communications*.....	4 credits
COM 140 General Communications Speech or COM 150 Public Speaking.....	3 credits

### Humanities (3-4 credit hours)

Choose from Art History, Spanish Language, Literature, Music Appreciation, Ethics, Philosophy, Religion, or Western Civilization

### Social Science (8 credit hours)

Choose from Principles of Economics, Introduction to Cultural Anthropology, American Government and Political Science, State and Local Government, World, U.S. or Michigan History classes, or Psychology courses

### Mathematics (3-4 credit hours)

BAM 103 Business Math.....	3 credits
----------------------------	-----------

### Physical Education Activity (2 required credit hours)

### Electives (6 credits hours)

### Business Courses (30 credit hours)[Certificate qualifies]

\*Note: Some courses require prerequisite classes.

**TOTAL: 62 CREDITS**

# Assoc of Applied Science in Technology

## Requirements:

### Communications (10 credit hours)

COM111 Business/Technical Communications*.....	4 credits
COM 121 English Composition*.....	3 credits
COM 140 General Communications Speech or COM 150 Public Speaking.....	3 credits

### Computer Science (4 credit hours)

EDP 101 Introduction to Computers & Software.....	4 credits
---	-----------

### Social Science (7-8 credit hours)

Choose from Organizational Behavior, American Government and Political Science, European History, U.S. History classes, Human Growth and Development, Sociology or Marriage/Family classes.

### Industrial Studies (choose 4 hours)

VTI 151 Manufacturing Processes.....	3 credits
--------------------------------------	-----------

### Natural Science (4 hours + 1 hour lab)

NSP 151 General Physics I* or NSP 153 General Physics II* and accompanying lab (NSP 152* or 154*).....	5 credits
---	-----------

### Mathematics (3-4 credit hours)

Choose from Algebra, Math for Technicians, Trigonometry or Geometry.....3 or 4 credits

### Physical Education Activity (2 required credit hours)

### Technology Courses (30 credit hours)

This Web Page Design Certificate requires 30 or more credits.

\*Note: Some courses require prerequisite classes.

**TOTAL: 62 CREDITS**

# Sample Courses

*Sample courses for this field are described below. For a complete list of course descriptions, see the online catalog at [www.glenoaks.edu](http://www.glenoaks.edu)*

## **EDP 100 USING THE INTERNET**

### **1 Credit, 1 Contact**

A course which will enable you to develop those skills and confidences you will need to successfully work with the Internet. Students will learn to recognize and use key vocabulary terms commonly associated with the Internet, the physical and logical makeup of the Internet and how it runs worldwide. Students will also learn how to identify and sign up with a service provider as well as how to create bookmarks and conduct search strategies utilizing popular search engines such as Yahoo, Lycos, and others. Students signing up for this course must have access to the Internet to complete required assignments. Glen Oaks has a Media Center with computers connected to the Internet for those students who do not have access to the Internet either at work or home. All assignments and tests will be completed and e-mailed to the instructor via the Internet on a periodic basis as indicated in the accompanying class calendar. If a student does not currently have an e-mail address, an account will be created using Hot Mail, which will provide accounts to users at no expense.

*Prerequisite: None*

## **EDP 101 INTRODUCTION TO COMPUTERS AND SOFTWARE**

### **4 Credits, 4 Contacts**

A survey course on computer concepts and applications associated with the current generation of computer technology. Students will study terminology as it applies to computers, networks, operating systems, and internet usage. This course includes a hands-on component where students will work with current productivity software such as Microsoft (XP) in word processing, spreadsheets and databases within the Windows Operating system.

*Prerequisite: None*

## **BAM 100 INTRODUCTION TO BUSINESS**

### **3 Credits, 3 Contacts**

This course is designed to survey American business and industry using a multi-media instructional approach. Emphasis will be placed on the various business disciplines and their relationship to the student and society as well as to internal operations. Past, present and future business and industry trends will be presented through the use of lecture materials, films, and videotape recordings. Managerial involvement in all aspects of the business world will also be studied by the student.

*Prerequisite: Proficiency of reading skills in ACT, SAT, ASSET, Accuplacer or successful completion of AFD 063 Reading for College.*



**Step-by-step courses that build on one another**

Setting up and maintaining a web page takes knowhow. Glen Oaks' courses cover programming skills, software usage and design principles. After you've learned the basics, you'll move into more advanced studies with web design classes in levels I, II, and III.

## **EDP 214 Presentation Graphics & Publishing (MS PowerPoint/MSPublisher),**

### **3 Credits, 3 Contacts**

Introduces students to concepts of design applying to presentations and documents. This includes layout of text and graphics, color usage, and audience appropriateness of materials. Students produce both presentations and documents using MS PowerPoint/MS Publisher.

## **EDP 240 Introduction to Networking,**

### **2 Credits, 2 Contacts**

Covers types of local area networks (LAN). General topics include network operating systems, file servers, workstations, network topologies, and current network issues. Students are introduced to Novel NetWare and learn to use basic commands and utilities to manage a single server network.

Web Design Levels I, II, and III teach the student basic concepts, more advanced, and dynamic applications of Web Page Design.

## **EDP 252 Web Page Design Level I,**

### **3 Credits, 3 Contacts**

This class, teaches basic concepts of Web Page creation using HTML programming language. Areas of concentration are formatting of text, hypertext links, graphic and e-mail links, tables, color usage and basic JavaScript programming. By the end of the course students have completed a working web page using Web Page authoring tools.

## **EDP 253 Web Page Design Level II,**

### **3 Credits, 3 Contacts**

This class continues EDP 252 so students learn to create more advanced web pages using DHTML and Web Page authoring tools. Areas of concentration are dynamic layout content, special effects, controlling mouse and keyboard events and creating windows and frames.

## **EDP 254 Web Design and Programming Level III,**

### **3 Credits, 3 Contacts**

Builds on EDP 253 with both Vbscript and JavaScript to create dynamic web applications using client side and server side pages. Areas of study include script integration, object-oriented programming, data manipulation and storage, control structures, and various client/server applications.

# Career Resources

**Glen Oaks Career Counseling Services**  
**Students Services Department**  
467-9945 or (888) 994-7818  
[www.glenoaks.cc.mi.us](http://www.glenoaks.cc.mi.us)

**Michigan's Web-based Education**  
**Development Plan**  
[www.mi-edp.org](http://www.mi-edp.org)

**Bureau of Labor Statistics Occupational Outlook**  
**Handbook**  
[www.bls.gov/oco](http://www.bls.gov/oco)

**Michigan Occupational Information System**  
**MOIS**  
[www.mois.org](http://www.mois.org)

## Affirmative Action Statement:

The Board of Trustees of Glen Oaks Community College affirms that through its admission, recruitment, employment and educational policies, practices, and programs, the College seeks to provide equal opportunity and affirmative action for everyone. The College shall not discriminate against anyone because of race, sex, color, religion, age, creed, national origin, height, weight, marital status or disability.

**This publication** is intended to provide a general overview of the program. For current specific requirements, consult with a Glen Oaks Community College academic counselor.



Web Page Designers have many career options. Growing numbers of businesses are now turning to the Web to advertise and sell their services and products. In this Glen Oaks' certificate program you will learn basic publishing skills, elements of design, computer graphics and HTML fundamentals, Internet basics, software, and more.

## STUDENT SUPPORT

- Personalized educational and career planning
- Financial aid and scholarships
- Flexible Schedules: day, evening, distance learning online/video classes
- Free tutoring
- Modern labs and computer information classrooms
- Full-service library/computer center
- Caring, knowledgeable instructors.

# CALL NOW

467-9945 or  
888-994-7818  
[www.glenoaks.edu](http://www.glenoaks.edu)

**Glen Oaks**  
Community College  
62249 Shimmel Rd.  
Centreville, MI 49032

