Web Designer Encyclopedia Article

Web Designer

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Web Designer

A web designer puts information on the **World Wide Web** in the form of web pages for use by individuals and businesses. Web designers use the principles that a graphic artist would use to create their artwork. The difference, however, is that a web designer's tool is a computer, and their "paints" are computer software.

Web designers use mathematics in a variety of ways. The drawing applications used by web designers require a thorough knowledge of **geometry**. Additional applications require knowledge of spatial measurements and the ability to fit text and pictures in a page layout.

Web designers who use source codes such as **Hypertext Markup Language** (HTML) need to know basic math for calculating the widths and heights of objects and pages. Accounting and bookkeeping are important areas of math that web designers should study if they plan to establish their own businesses.

Because web designers must be able to plan, design, program, and maintain web sites, a knowledge of computers and how they work is very important. Most computer science courses require **algebra** and geometry as prerequisites.

See Also

Computer Graphic Artist; Internet.

Bibliography

McGuire-Lytle, Erin. *Careers in Graphic Arts and Computer Graphics.* New York: The Rosen Publishing Group, Inc., 1999.