



Web Graphic Design and Programming and e-Commerce Certificate

The Web Graphic Design and Programming and eCommerce Certificate is a broad-based introduction to designing and scripting small business marketing and commercial websites. Students learn the basic principles behind effective design and web programming, including uploading content to the Internet and the basics of e-commerce.

Web Graphic Design and Programming and e-Commerce Curriculum

Curriculum

Program Courses

Course Code	Title	Course Outlines	Goal Areas	Credits
ART 2901	Graphic Design Tools I and	View-ART 2901	n/a	3
ART 2561	Web Design I and	View-ART 2561	n/a	3
ART 2562	Web Design II and	View-ART 2562	n/a	3
CIS 1320	Web Tools and	View-CIS 1320	n/a	2
CSCI 1020	Beginning Web Page Programming and	View-CSCI 1020	n/a	1
CSCI 1030	Programming for Internet and	View-CSCI 1030	n/a	3
CIS 2310	Introduction to E-Commerce	View-CIS 2310	n/a	3

Total Credits Required	18
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Program Overview

2024-2025

The Web Graphic Design, Programming and eCommerce certificate is a broad based introduction to designing and scripting small business marketing and commercial websites. Students learn the basic principles behind effective design and web programming, including uploading content to the Internet and the basics of ecommerce.

This certificate is for students who have programming skills and would like to gain creative design and eCommerce skill, or for students who have creative graphic design/art skill and would like to gain skills in programming and eCommerce, or for students who have business/eCommerce skills and would like to gain skills in computer programming and creative design. Some courses are offered online.

This certificate is also a great entry point to begin an A.S. degree in Graphic Design, Computer Science, or Business Computer Systems and Management.

Program Outcomes

Knowledge of human cultures and the physical and natural world, including:

- Effectively use basic visual design principles.
- Effectively use basic scripting practices.
- Effectively use basic marketing and business concepts

Integrative and Applied Learning, including:

Program Maps

Program roadmaps provide students with a guide to understand the recommended course sequence to complete their degree.

- [Web Graphic Design and Programming and e-Commerce Certificate Program Roadmap Part Time](#)
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Career Opportunities

Information on careers, including career descriptions, salary data, and employment outlook is available on the [Bureau of Labor Statistics website](#) and [O*Net Online website](#).

Transfer Information

If you are planning on transferring to another institution, follow the guidelines available on our transfer resources web page to help you plan the process: [Transfer Information](#)

Degree Information

Certificates may be earned for successful completion of courses in a specialized program of study with a minimum grade point average of 2.00 (C). A certificate shall include 9 to 30 semester credits. At least one third of the total credits required for each certificate must be completed at North Hennepin Community College.

Developmental Courses Some students may need preparatory course(s) in Math and/or English. Courses numbered below 1000 will not apply toward a degree.

Equal Opportunity Employer and Disability Access Information North Hennepin Community College is a member of Minnesota State Colleges and Universities system and an equal opportunity employer and educator. This document is available in alternative formats to individuals with disabilities by calling 7634930555 or through the Minnesota Relay Service at 18006273529.

Accreditation

North Hennepin Community College is accredited by the Higher Learning Commission (hlcommission.org), an institutional accreditation agency recognized by the U.S. Department of Education.

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