

## Cert: Web Graphic Design and Programming and e-Commerce 2021-2022

The Web Graphic Design and Programming and e-Commerce 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.

This certificate is for students who have programming skills and would like to gain creative design and e-Commerce skill, or for students who have creative graphic design/art skill and would like to gain skills in programming and e-Commerce, or for students who have business/e-Commerce 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 Courses

Course No.	Course Title	Credits
ART2901	Graphic Design Tools I	3
ART2561	Web Design/Graphics I	3
ART2562	Web Design/Graphics II	3
CIS1320	Web Tools	2
CSCI1020	Beginning Web Page Programming	1
CSCI1030	Programming for Internet	3

### Program Electives

Course No.	Course Title	Credits
<b>Program Electives - 1 course:</b>		
BUS2310	Introduction to E-Commerce <i>or</i>	3
CIS2310	Introduction to E-Commerce	3

### NHCC Residency and GPA

Course No.	Course Title	Credits
<b>5 Credits must be earned at NHCC:</b>		
<b>2.00 overall GPA for NHCC courses</b>		

**Total Credit Required 18**

### Degree Requirements

2.00 overall GPA for NHCC courses

#### Gainful Employment Program Information

[Web Graphic Design and Programming and e-Commerce](#)

#### 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 763-493-0555 or through the Minnesota Relay Service at 1-800- 627-3529.

#### Program Outcomes

Knowledge of Human Cultures and Physical and Natural World Including:

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

**Career Opportunities**

Information on careers, including salary and employment outlook data, is available on the iseek and Bureau of Labor Statistics websites: [www.iseek.org](http://www.iseek.org) and [www.bls.gov](http://www.bls.gov).

**Accreditation**

North Hennepin Community College is accredited by the: Higher Learning Commission 30 N. LaSalle Street, Suite 2400 Chicago, IL 60602-2504 1-800-621-7440

**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](#)

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