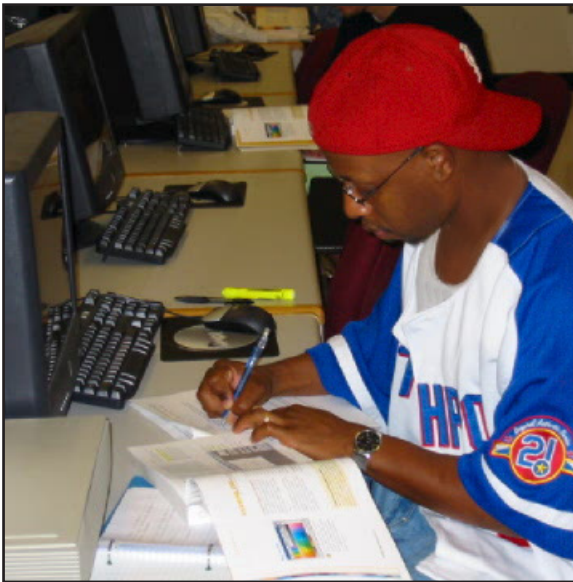


## PROGRAM DESCRIPTION

The Web Technologies curriculum prepares graduates for careers in the information technology arena using computers and distributed computing to disseminate and collect information via the web.

Course work in this program covers the terminology and use of computers, network devices, networks, servers, databases, applications, programming languages, as well as web applications, site development and design. Studies will provide an opportunity for students to learn related industry standards.

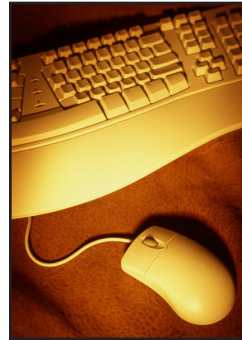
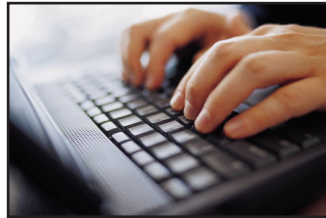
Graduates should qualify for career opportunities as designers, administrators, or developers in the areas of web applications, web sites, web services, and related areas of distributed computing.



## JOB OPPORTUNITIES

The growth of the Internet and the expansion of the World Wide Web have generated a variety of employment opportunities related to the design, development, and maintenance of web sites and their servers.

Graduates should qualify for career opportunities as webmasters, Internet and intranet administrators, Internet applications specialists, Internet programmers, and Internet technicians. Government institutions, industries, and other organizations employ individuals who possess the skills taught in this curriculum.



## CERTIFICATIONS

Certification is a way to demonstrate a level of competence in a particular field. Students should be prepared for several industry certifications including but not limited to the different tracks associated with the Certified Internet Webmaster, CAW, Security+, and Network+.

## FOR MORE INFORMATION

Spring Tucker, Program Head  
tucker@vgcc.edu • (252) 738-3292

## RECOMMENDED COURSE SEQUENCE

	Credit Hours
<b>FALL SEMESTER (YEAR ONE)</b>	
ACA 115 Success & Study Skills	1
BUS 110 Introduction to Business	3
CIS 111 Basic PC Literacy	2
ENG 111 Expository Writing	3
NET 125 Networking Basics	3
NOS 110 Operating System Concepts	3
WEB 110 Internet/Web Fundamentals	3
<b>TOTAL CREDITS</b>	<b>18</b>

<b>SPRING SEMESTER (YEAR ONE)</b>	
CIS 115 Intro. to Prog. & Logic	3
DBA 110 Database Concepts	3
ENG 114 Professional Research & Reporting	3
WEB 111 Intro. to Web Graphics	3
WEB 115 Web Markup and Scripting	3
WEB 140 Web Development Tools	3
Elective – Humanities/Fine Arts	3
<b>TOTAL CREDITS</b>	<b>21</b>

<b>FALL SEMESTER (YEAR TWO)</b>	
SEC 110 Security Concepts	3
WEB 120 Intro. to Internet Multimedia	3
WEB 182 PHP Programming	3
WEB 230 Implementing Web Services	3
WEB 250 Database Drive Websites	3
Elective – Natural Science/Mathematics	3
<b>TOTAL CREDITS</b>	<b>18</b>

<b>SPRING SEMESTER (YEAR TWO)</b>	
WEB 185 ColdFusion Programming	3
WEB 210 Web Design	3
WEB 211 Advanced Web Graphics	3
WEB 289 Internet Technologies Project	3
Elective – Social/Behavioral Science	3
Elective – Major	3
<b>SEMESTER TOTAL</b>	<b>18</b>

<b>DEGREE TOTAL</b>	<b>75</b>
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\* To qualify as a Humanities elective, both SPA 111 and SPA 112 need to be successfully completed.

\*\* See current catalog or website for more detailed information.

In addition to the degree, VGCC offers Web Design and Web Programming Specialist certificates.

## CAMPUS LOCATIONS

### Main Campus

P.O. Box 917, Henderson, N.C. 27536  
**(252) 492-2061**

### Franklin Campus

P.O. Box 777, Louisburg, N.C. 27549  
**(919) 496-1567**

### South Campus

P.O. Box 39, Creedmoor, N.C. 27522  
**(919) 528-4737**

### Warren Campus

P.O. Box 207, Warrenton, N.C. 27589  
**(252) 257-1900**

*Vance-Granville Community College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools to award certificates, diplomas, and associate degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097 or call (404) 679-4500 for questions about the accreditation of Vance-Granville Community College. The Commission on Colleges should be contacted only if there is evidence that appears to support an institution's significant non-compliance with a requirement or standard. Vance-Granville Community College is an equal opportunity, affirmative action institution. The college serves all students regardless of race, creed, color, age, sex, national origin, or disabling conditions. Vance-Granville Community College is a Tobacco-Free College.*

Rev. 8/11

**VANCE-GRANVILLE**  
COMMUNITY COLLEGE

P.O. Box 917  
Henderson, N.C. 27536

# Web Technologies

(A25290)



Associate in Applied Science Degree  
Two Year - 75 Credit Hours

**VANCE-GRANVILLE**  
COMMUNITY COLLEGE

[www.vgcc.edu](http://www.vgcc.edu)