

Web Site Design/Development (IS64)

Diploma eMap

This eMap, along with regular meetings with your program advisor and using DegreeWorks, will help you remain on track to finish your program as quickly as possible and graduate from Georgia Northwestern Technical College. This eMap is intended to be used when beginning the program in Fall semester. Starting the program in Spring or Summer semesters may alter the suggested courses or course availability. This pathway is based on the 2026-2027 academic year.



1 st set of suggested courses			
Course		Hours	Completed
CIST 1001	Computer Concepts	4	☐
CIST 1510	Web Development I (8-week course, first half of semester)	3	☐
CIST 1520	Scripting Technologies (Prerequisite: CIST 1510; 8-week courses, second half of semester)	3	☐
CIST 1530	Web Graphics I	3	☐

CIST 1530 is offered Fall semester only.

2 nd set of suggested courses			
Course		Hours	Completed
COMP 1000	Introduction to Computer Literacy	3	☐
CIST 1220	Structured Query Language (SQL)	4	☐
CIST 1601	Information Security Fundamentals	3	☐
CIST 1305	Program Design and Development	3	☐

3 rd set of suggested courses			
Course		Hours	Completed
CIST 2510	Web Technologies	3	☐
CIST 2371	Java Programming I (Prerequisite: CIST 1305)	4	☐
CIST xxxx	CIST Elective	3	☐
CIST xxxx	CIST Elective	3	☐

CIST 2510 is offered Summer semester only. CIST 2371 is the recommended course as they may be required for an embedded certificate. Additional courses may meet these requirements. See Course Catalog for more info.

4 th set of suggested courses			
Course		Hours	Completed
CIST 2550	Web Development II (Prerequisites: CIST 1220, CIST 1510, and CIST 1520)	3	☐
ENGL 1005	Applied Technical Communication	3	☐
EMPL 1000	Interpersonal Relations and Professional Development	2	☐
MATH 1012	Foundations of Mathematics	3	☐

Total Credit Hours: 54 Minimum Credit Hours Required for Graduation

Web Site Design/Development Diploma Program Planning Notes:

- Courses for this program are offered at the Catoosa County Campus, Walker County Campus, and is also available 100% online.
- ALL CIST programs require windows-based PC.
- Chromebooks and Mac and Linux based computers are not compatible with programs.
- CIST 1510, and CIST 2531 require and Adobe Creative Cloud subscription.
- All CIST courses are valid for a period of 5 years after completion.
- COMP 1000 is valid for a period of 5 years after completion.
- If courses are taken in the suggested order, student will also earn the Web Site Designer (IS41) Certificate and Web Site Developer (ISE1) Certificate at the end of the 3rd set.
- The Program Advisor for IS64 is Rocky Spurlock, rspurlock@gntc.edu.

Additional information for the Web Site Design/Development Diploma and program requirements can be found at [GNTC 2026-2027 Catalog](#).