

Web Site Design/Development (IS53)

Associate of Applied Science 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 eMap 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 the semester)	3	☐
CIST 1520	Scripting Technologies (Prerequisite: CIST 1510; 8-week course, second half of the semester)	3	☐
CIST 1530	Web Graphics I	3	☐

CIST 1530 is offered Fall semester only. If CIST 1530 is not available, student can take CIST 1601.

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	☐

CIST 1220 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.

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, CIST 1520)	3	☐
XXXX xxxx	Social/ Behavioral Sciences Elective	3	☐
ENGL 1101	Composition and Rhetoric	3	☐
MATH 1111	College Algebra	3	☐

MATH 1111 is the recommended course. Additional courses may meet this requirement. See Course Catalog for more info.

5 th set of suggested courses			
Course		Hours	Completed
XXXX xxxx	Humanities/ Fine Arts Elective	3	☐
XXXX xxxx	General Education Core Elective	3	☐
CIST 2950	Web Systems Project (Program Instructor Approval Required)	3	☐

CIST 2950 is the recommended course. Additional courses may meet this requirement. See Course Catalog for more info.

Total Credit Hours: 63 Minimum Credit Hours Required for Graduation

Web Site Design/Development AAS Degree 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 earn the Web Site Designer (IS41) Certificate and the Web Site Developer (ISE1) Certificate at the end of the 3rd set.
- The Program Advisor for IS53 is Rocky Spurlock, rspurlock@gntc.edu.

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