

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 2024-2025 academic year.



1 st set of suggested courses			
Course		Hours	Completed
CIST 1305	Program Design and Development	3	<input type="checkbox"/>
CIST 1001	Computer Concepts	4	<input type="checkbox"/>
CIST 1510	Web Development I (8-week course, first half of the semester)	3	<input type="checkbox"/>
CIST 1520	Scripting Technologies (Prerequisite: CIST 1510; 8-week course, second half of the semester)	3	<input type="checkbox"/>
CIST 1530	Web Graphics I	3	<input type="checkbox"/>

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	<input type="checkbox"/>
CIST 1220	Structured Query Language (SQL)	4	<input type="checkbox"/>
CIST 1601	Information Security Fundamentals	3	<input type="checkbox"/>
CIST 2531	Web Graphics II (Prerequisite: CIST 1530)	3	<input type="checkbox"/>

CIST 2531 is offered Spring semester only. CIST 2531 is the recommended course as it may be required for an embedded certificate. Additional courses may meet this requirement. See Course Catalog for more info.

3 rd set of suggested courses			
Course		Hours	Completed
CIST 2510	Web Technologies	3	<input type="checkbox"/>
CIST 2550	Web Development II (Prerequisites: CIST 1220, CIST 1510, CIST 1520)	3	<input type="checkbox"/>
CIST 2371	Java Programming I (Prerequisite: CIST 1305)	4	<input type="checkbox"/>
CIST xxxx	CIST Elective	3	<input type="checkbox"/>

CIST 2510 is offered Summer semester only. CIST 1220 and CIST 2371 are 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 2950	Web Systems Project (requires Program Instructor approval)	3	<input type="checkbox"/>
CIST 2921	IT Analyses, Design and Project Management	4	<input type="checkbox"/>
ENGL 1101	Composition and Rhetoric	3	<input type="checkbox"/>
MATH 1111	College Algebra	3	<input type="checkbox"/>

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	Social/ Behavioral Sciences Elective	3	<input type="checkbox"/>
XXXX xxxx	Humanities/ Fine Arts Elective	3	<input type="checkbox"/>
XXXX xxxx	General Education Core Elective	3	<input type="checkbox"/>

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

Total Credit Hours: 64 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.

Additional information for the Website Design/Development AAS Degree and program requirements can be found at [GNTC 2024-2025 Catalog](#).

Georgia Northwestern Technical College is a unit of the Technical College System of Georgia and an Equal Opportunity Institution.

Georgia Northwestern Technical College is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award associate degrees.