



CIST Web Applications Development eMAP

START HERE: Program of Study: *Diploma OR AAS*

If you have any Computer or Programming Experience consider taking the Exemption Tests for:

COMP 1000, CIST 1001 and/or CIST 1305

Then, complete any required 0090 courses. Then,

Complete (if you have not already exempted):

- COMP 1000 – Introduction to Computers
- CIST 1001 – Computer Concepts
- CIST 1305 – Program Design and Dev.
- CIST 1510 – Web Development I

These three courses are A.A.S. – level and enrollment in them is based on COMPASS test scores; Diploma-level ENGL/MATH/Area II General Core can be taken instead.

Then, complete:

- Program Course Level I *
- CIST 1220 – SQL
- CIST 1520 – Scripting Technologies
- ENGL 1101 – Comp and Rhetoric

Then, complete:

- Program Course Level II **
- CIST 2550 – Web Development II
- CIST 2580 - Interactive and Social Apps
- MATH 1111 – College Algebra

Then, complete:

- Program Course Level III ***
- CIST 2921 – IT Analysis and Design and Project Management
- CIST 1601 – Information Security Fundamentals
- Any General Core Area II course

Complete the courses on left column and then:

- ✓ **Petition to graduate with a Diploma in CIST Programming or continue on to Associate of Applied Science Degree and**
- ✓ **Receive PHP TCC –or- C# TCC –or- Java TCC**

Then, change your major to AAS – CIST - Web Applications Development (unless you already are in that program)

Then, complete:

- Humanities/Fine Arts Requirement (3 hours, see catalog)
- General Education Core Requirement (3 hours, see catalog)
- CIST 2950 – Web Systems Project –or- CIST 2991 – CIST Internship

And Receive an:

- ✓ **Petition to graduate with an Associate of Applied Science degree in CIST – Web Applications Development**

Program Course Level I (choose one) *

CIST 2351 – PHP I, CIST 2371 – Java I, CIST 2341 C# I

Program Course Level II (choose one: same language as Program Course Level I) **

CIST 2352 – PHP II, CIST 2372 – Java II, CIST 2342 C# II

Program Course Level III ***

(Choose a different language, Java III, or Mobile Apps; verify pre-reqs/catalog)

CIST 2351 PHP I, CIST 2371 Java I, CIST 2373 Java III, CIST 2341 C# I, CIST 2381 Mobile Apps

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