SOFTWARE DEVELOPMENT - ADVANCED TECHNICAL CERTIFICATE (ATC)

Explore More About This Program: https://cwi.edu/program/software-development

Certificate Quick Facts

· Instructional School: Science, Technology, and Math

· Department: Computer Science and Information Technology

• Program Code: SWDV.ATC

• Program Type: Career and Technical Education

· Available Fully Online: No

· Eligible for Federal Financial Aid: Yes

NOTE: Courses required for this program *may* have an additional fee; more information can be found on the <u>Special Course Fees</u> web page.

Certificate Requirements

Course	Course Title	Min Credits
General Education Requirements		
Select one of the following:		3
GEM 1 - Written Communication course		
GEM 2 - Oral Communication course		
GEM 3 - Mathematical Ways of Knowing course		3
PSYC 140	Human Relations for Career and Personal Success (GEM 6)	3
Major Requirements		
SWDV 105	Introduction to Programming	4
SWDV 110	Intermediate Programming	4
SWDV 115	Introduction to Web Application Development	4
SWDV 140	Intermediate Web Application Development	4
SWDV 143	Client-Side Frameworks	4
SWDV 152	Systems Analysis and Design	4
SWDV 210	Introduction to Server-Side Programming	4
SWDV 220	Fundamentals of Database Systems	4
SWDV 235	Advanced Web Application Development	4
SWDV 265	Mobile Development	4
SWDV 271	Game Development	4
SWDV 280	Collaborative Development	3
SWDV 293	Software Development Internship	1-3
Minimum Credit Hours Required		57