

# SOFTWARE DEVELOPMENT - ASSOCIATE OF APPLIED SCIENCE DEGREE (AAS)

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

## Degree Quick Facts

- **Instructional School:** Science, Technology, and Math
- **Department:** Computer Science and Information Technology
- **Program Code:** SWDV.AAS
- **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 [Special Course Fees](#) web page.

## Degree Requirements

Course	Course Title	Min Credits
<b>General Education Requirements</b>		
GEM 1 - Written Communication course		3
GEM 2 - Oral Communication course		3
GEM 3 - Mathematical Ways of Knowing course		3
PSYC 140	Human Relations for Career and Personal Success (GEM 6)	3
COMM 259	Communicating Through Web Design (GE Elective)	3
<b>Major Requirements</b>		
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
or SWDV 275	Software Development Tools and Technology	
SWDV 280	Collaborative Development	3
SWDV 290	Software Development Capstone Internship	1-3
<b>Minimum Credit Hours Required</b>		<b>63</b>