

INTEGRATED APPLICATION DEVELOPMENT POST-BACCALAUREATE CERTIFICATE

The Post-Baccalaureate Certificate in Integrated Application Development is available to students who have already earned a bachelor's degree. The certificate program is designed to give the student the knowledge and skills needed move into a career in technology through a challenging academic program of study in Information Systems and Information Technology. The program emphasizes knowledge and skills needed to develop effective application solutions that integrate both front-end processing and back-end database processing.

Requirements

Note: SoPA also offers Post-Baccalaureate Certificates in Business Systems Analysis, Information Technology and Cybersecurity. Each requires the 6 core courses from the Applied Computing undergraduate program plus six additional concentration courses. Students seeking to earn multiple certificates (or who have earned a B.S. in Applied Computing and seek to earn a certificate in another concentration area) may not use a single course to satisfy the requirements of more than one degree or concentration.

Course ID	Title	Credits
Certificate Requirements		
CPST 1200	Fund of Info Systems & Tech	3
CPST 2200	Application Dev Fundamentals	3
CPST 2300	Database Fundamentals	3
CPST 2500	IT Infrastructure Fundamentals	3
CPST 2600	Networking Fundamentals	3
CPST 2700	Fund of Cybersecurity	3
Concentration Requirements		
Select 1 of the following:		3
CPST 3230	Application Development In C++	
CPST 3400	Website Developmt w/ XML/XHTML	
CPST 3410	Website Dev w/ Javascript	
CPST 3310	Rel DB Design & Developmt	3
CPST 3250	User Interface/Experience Dsgn	3
CPST 3550	Systems Analysis & Design	3
CPST 4250	Application Dev Capstone	3
Select one CPST Elective (2000 level or above)		3
Total Credit Hours		36