

FULL STACK DEVELOPMENT CERTIFICATE

Contact

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Faculty List (<https://coursecatalog.syracuse.edu/undergraduate/professional-studies/>)

Description

This certificate prepares students to build both web-based and hybrid computer solutions. Students will master front-end development and server-side development through this certificate. A full-stack developer will be knowledgeable of and be able to design, develop, test, and deploy web high-end applications that incorporate SQL databases, server-side as well as client-side coding, graphics, and accessibility.

Admission

30 college credits.

Student Learning Outcomes

1. Design a system, component, or process to meet desired outcomes within realistic constraints.
2. Analyze and evaluate programming applications to ensure they are accurate, efficient, and meet required outcomes.
3. Exhibit the ability to identify, formulate and solve problems.

Requirements

Code	Title	Credits
SCP 220	Basic Principles of Computer Programming	3
SCP 305	Database Management	3
SCP 360	Introduction to Mobile Applications	3
SCP 350	Introduction to HTML/CSS	3
SCP 355	Introduction to Javascript/jQuery	3
SCP 420	Web Application and Design	3
Total Credits		18

The certificate is administered by the College of Professional Studies. Each student should consult with their Academic Advisor to ensure certificate completion.