

## Security for Web App Development Certificate of Accomplishment - Active

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Department: Computer Networking & Information Technology

Approval: September 2017

Effective Semester: Spring 2018

The program of study for the Certificate of Accomplishment in Security for Web App Development includes instruction and practice in the development of web sites and web apps using the most current security techniques. This course of study prepares students for adapting and/or creating web sites with techniques that enhance the security of those applications.

### Learning Outcomes

Upon completion of this program, students will be able to:

- Use front-end web development techniques to develop and publish web sites or web apps for different platforms
- Compare the different methods for securing shared resources used by web apps
- Evaluate the different types of security problems that might occur in a web application project
- Implement web application security techniques effectively

The minimum time for completion of this certificate is 2 semesters. Completion time will vary based on student preparation and number of classes completed per semester.

### ***Courses Required for the Certificate of Accomplishment in Security for Web App Development***

Course	Units
<b>Required Courses:</b>	
CNIT 120 - Network Security	3.00
CNIT 132 - Intermediate HTML and CSS	3.00
CNIT 133 - JavaScript, jQuery, AJAX	3.00
CNIT 129S - Securing Web Applications	3.00
Total:	12.00
<b>Choose one of the following courses:</b>	
CNIT 131A - XML and JSON	3.00
CS 150A - Introduction to SQL Databases and NoSQL	3.00
Total:	3.00
<b>Total:</b>	<b>15.00</b>

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