



Mobile Game Apps Certificate 2018–2019

DESCRIPTION:

The Mobile Game Apps Certificate provides a focused set of technical skills to develop 2D games for the Web. Game development for the Web continues to attract interest, and the popularity of web-based games continues to flourish. The curriculum focuses on the HTML5 advances in web programming, including CSS3 and JavaScript. For more information, see csc.ccc.edu/computerscience.

ADMISSION REQUIREMENTS:

This is a non-selective, open-admission program.

ONGOING REQUIREMENTS:

Students must maintain the minimum GPA required by the College.

OPPORTUNITIES FOR GRADUATES:

Career:

Upon completion of certificate students are qualified for entry-level positions as developers in 2D Web Games in Game Studios.

Transfer:

All course work in the certificate program can be applied to the Game Developer AAS Degree Program.

CERTIFICATE REQUIREMENTS (MOBILE GAMES APPS CERTIFICATE):**FIRST SEMESTER**

Course	Term	Credits	Milestones/Progress Check
CSCI 1103 Introduction to Programming Logic	AU/SP	3	
CSCI 1511 Python Programming	AU/SP	3	
Semester Credits		6	

SECOND SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 1145 HTML	AU/SP	3	
Semester Credits		3	

THIRD SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 2447 JavaScript Fundamentals	AU/SU	3	
Semester Credits		3	

FOURTH SEMESTER

Course	Term	Credits	Milestones/Progress Check
CSCI 2541 Foundations of 2d Game Programming	AU	3	
Semester Credits		3	
Total		15	

AU: Autumn Semester/SP: Spring Semester/SU: Summer Semester
Requirements subject to change.