

CITY - GAME PROGRAMMING - CERTIFICATE OF PERFORMANCE

PROPOSAL INFORMATION

Action Proposed:New Program

Proposal Originator:Theresa Savarese

Origination

Date:01/03/2018

Proposed Start:Fall 2019

Need for Proposal:

Creating a certificate of performance in gaming programming per the recommendation of the advisory board.

Attached Documents:

[SDCCD LMI Form](#)

PROGRAM & AWARD INFORMATION

Award Description:

The goal of the Certificate of Performance in Game Programming is to prepare students for entry-level employment in the field of Information Technology as computer game programmers.

The Certificate of Performance in Game Programming is designed to provide students with training in the theory and practice of computer programming emphasizing the design of software games.

Award Notes:

Students who successfully complete the Certificate of Performance in Game Programming will be able to:

- Effectively design and implement programming constructs, including functions, control structures, arrays/lists, classes, and objects for a given programming problem; and
- Design and develop software games using modern programming tools, techniques, and architecture.

Program Description:

N/A - this section is no longer updated via Curricunet.

Program Goals:

N/A - this section is no longer updated via Curricunet.

Program Emphasis:

Career Options:

After successful completion of the Certificate of Performance in Game Programming, employment possibilities include: Software Developers, Applications, and Computer Game Programmers.

The Computer Information Systems Department requires students to complete all course requirements for the certificate within five years.

COURSES REQUIRED FOR THE MAJOR:

UNITS

CISC 220	Fundamentals of Computer Game Programming *Active*	4
CISC 221	Intermediate Computer Game Programming *Active*	4

Total Units

8

DATES & CODES

CIC Approval: 09/27/2018

Board Approval: 11/08/2018

State Approval:

TOP Code: 0707.10

State Approval (Unique) Code:

Subject Area: Computer and Information
Sciences

Report Run: 01/15/2021 2:45 PM

Program Area: Computer Information
Systems

Program ID: 3601