

CITY - WEB APPLICATION DEVELOPMENT - CERTIFICATE OF PERFORMANCE

PROPOSAL INFORMATION

Action Proposed:New Program

Proposal Originator:Theresa Savarese

Origination Date:06/04/2019

Proposed Start:Fall 2021

Need for Proposal:

Create a certificate in response to industry demand.

Attached Documents:

[Narrative](#)

PROGRAM & AWARD INFORMATION

Award Description:

Attention is placed on the theory and practice of computer programming emphasizing business and computer applications. Students receive hands-on experience in the fundamentals of designing and developing dynamic website using the Ruby on Rails programming language.

Award Notes:

Students who successfully complete this award will be able to:

- Develop and maintain a dynamic website; and
- Work with server-side and client-side database applications.

Program Description:

City College offers transfer and certification programs in the Computer Information Systems (Information Technology) field. These programs include computer literacy; application, web, and database programming; database administration; and a variety of vendor specific and vendor neutral industry-standard certification training. The roles of the various information system professionals are to design, implement, operate, and maintain a computer information system. This system can be based on a large central mainframe computer serving hundreds of users or a small personal microcomputer on a desk. These professionals also provide services in the networking areas such as systems engineers, systems administrators, and networks specialists.

Program Goals:

This section is no longer updated in CurricUNET.

Program Emphasis:

Career Options:

Some careers in web application development require education beyond the associate degree and some require a graduate degree. This is not a comprehensive list but some of the most common career options with a degree in the information technology industry include: web site designer and developers, IT and system administrators' roles to manage and maintain dynamic websites.

COURSES REQUIRED FOR THE MAJOR:

UNITS

CISC 183	Web Development with Ruby on Rails *Active*	4
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SELECT ONE OF THE FOLLOWING COURSES:

UNITS

CISC 179	Python Programming *Active*	4
CISC 186	Visual Basic Programming *Active*	4
CISC 190	Java Programming *Active*	4
CISC 192	C/C++ Programming *Active*	4

Total Units

8

DATES & CODES

CIC Approval: 04/23/2020

Board Approval: 06/11/2020

State Approval:

TOP Code: 0707.00

State Approval (Unique) Code:

Subject Area: Computer and Information
Sciences

Report Run: 01/15/2021 3:19 PM

Program Area: Computer Information
Systems

Program ID: 3901