



# GAME DESIGN AND DEVELOPMENT

## Business Division

2019-2020

This associate of applied science degree will provide students with the foundational skills for game design and development.

### Career Opportunities

Graduates of this program will be prepared for entry level employment in the following areas:

- Level designer
- Game programmer
- Asset developer
- Independent game developer



### Required General Education Courses **20**

C1 Natural Science Competency . . . . .	4
C2 MATH 171 (Calculus I) . . . . .	4
C3 ENGL 151 (Composition I) . . . . .	3
C4 CIS 130 (Introduction to Computer Information Systems) . . . . .	3
C5 Human Experience Competency. . . . .	3
C6 Social Systems Competency . . . . .	3

### Required General Education Courses **38**

IAS 103 (Information Security Principles). . . . .	3
CIS 130 (Introduction to Computer Information Systems) . . . . .	C4
CIS 150 (Computer Science I) . . . . .	4
CIS 178 (Design Concepts) . . . . .	4
CIS 183 (Mobile App Development) . . . . .	4
CIS 184 (Photoshop Graphics) . . . . .	3

CIS 189 (3D Animation) . . . . .	3
CIS 250 (Computer Science II) . . . . .	4
CIS 267 (Beginning Game Programming) . . . . .	3
CIS 277 (User Interface Design) . . . . .	3
CIS 279 (Designing for Digital Environments) . . . . .	3
CIS 289 (Game Design and Development Capstone) . . . . .	4

### General Electives **2**

**Total Degree Requirements 60 credits**

**Total Degree Cost 60 minimum billable contact hours**





Monroe County Community College is an equal opportunity institution and adheres to a policy that no qualified person shall be discriminated against because of race, color, religion, national origin or ancestry, age, gender, marital status, disability, genetic information, sexual orientation, gender identity/expression, height, weight or veteran's status in any program or activity for which it is responsible. If you have a disability and need special accommodations, please contact the Learning Assistance Laboratory at least 10 business days prior to the first class session to schedule an appointment to begin the accommodation process. The LAL phone number is 734.384.4167.

Monroe County Community College is accredited by the Higher Learning Commission.  
[www.hlcommission.org](http://www.hlcommission.org) / (800) 621-7440

Information contained within this document is subject to change. Every effort has been made to insure the information in this program sheet is accurate at the time of publication. This program sheet may not be considered as an agreement or contract.

**Main Campus**

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**Whitman Center**

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