

# GAME DESIGN AND DEVELOPMENT

## Business Division

2020-2021

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 Credits

|   |   |
|---|---|
| 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 Core 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  |

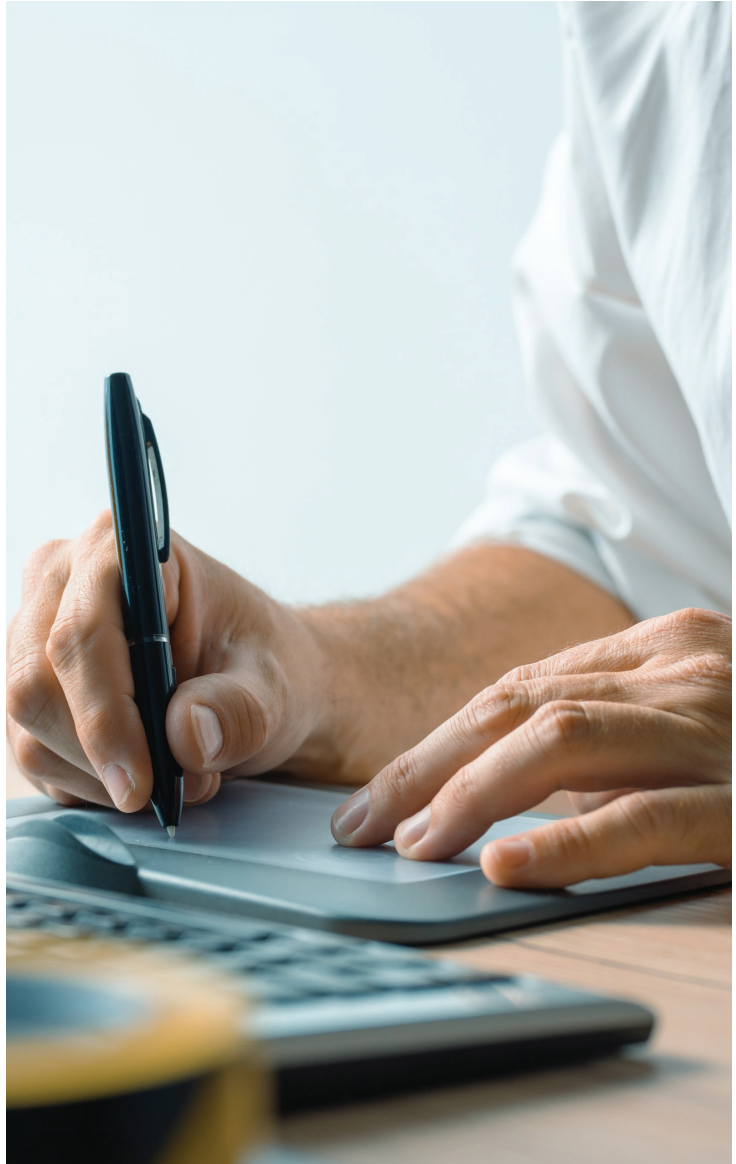
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| CIS 189 (3D Animation) . . . . .                         | 3 |
| CIS 250 (Computer Science II) . . . . .                  | 4 |
| CIS 267 (Beginning Game Programming) . . . . .           | 3 |
| CIS 277 (User Interface Design) . . . . .                | 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**





Information contained within this document is subject to change. This program sheet may not be considered as an agreement or contract.

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The college's Equal Opportunity Officer and Title IX and Section 504/ADA Coordinator and Compliance Officer for discrimination and sexual harassment is the Director of Human Resources,  
Monroe County Community College, 1555 South Raisinville Road, Monroe, Michigan 48161, 734.384.4245.

Monroe County Community College is accredited by the Higher Learning Commission, [www.hlcommission.org](http://www.hlcommission.org), 800.621.7440.

**Main Campus**

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**Whitman Center**

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Temperance, Michigan 48182  
734-847-0559



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