

**GAME PROGRAMMING ADVANCED CERTIFICATE
2009-2010**

Specific Prerequisite not Listed in Required Courses – can take at JCCC

CS 200 Concepts of Programming Algorithms Using C++ 4

Specific Prerequisites not Listed in Required Courses – can take at MCC

CSIS 123	Programming Fundamentals	3 eqv JCCC CIS 134
MATH 120	College Algebra <i>or</i>	3 eqv JCCC MATH 171
MATH 150	Precalculus	5 eqv JCCC MATH 173

SPECIFIC PROGRAM REQUIREMENT — Must be taken at JCCC

GAME 110	Flash Gaming	4
GAME 140	Game Programming I – 2D*	4
GAME 255	Mobile Game Programming*	4
GAME 180	Artificial Intelligence for Games *	3
GAME 230	Game Programming II – 3D*	4
MATH 191	Math & Physics for Games I* <i>or</i>	4
PHYS 191	Math & Physics for Games I*	

*Prerequisite/Corequisite required

SPECIFIC PROGRAM REQUIREMENTS — Must be taken at one of the MCC campuses

CSIS 117	Introduction to Computer Game Creation	3 eqv JCCC GAME 101
CSIS 118	Introduction to Game Design	3 eqv JCCC GAME 200

Total Credit Hours Required	29
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