

Diploma Program Length: 85 Weeks

NOC Code: 2174/21232

Preparatory Studies		4 Weeks
Student Success Strategies		
Digital Literacy for Professionals		
Career Planning & Preparation – Level 1		
Video Game Core Theory		16 Weeks
Video Game Design	Fundamentals of Game Design and Documentation	
Math and Physics for Games	Math and Physics used in Video Games	
Rapid Game Development	Rapid Prototyping and Game Design Documents (GDD)	 Adobe® Creative Cloud™
Digital Media and Portfolios	Portfolio building with HTML, CSS, and JavaScript	
Video Game Development Fundamentals		16 Weeks
Fundamentals of Game Programming	C++ Game Development	
Advanced Game Programming	Object-Oriented Tools and Engine Tools	
Fundamentals of Graphics Programming	Graphics Programming Concepts and Rendering	
Advanced Graphics Programming	Rendering Subsystems and Graphics Programming in 2D and 3D Games	
Unity Video Game Development		16 Weeks
Game Engines I 2D	2D Games using the Unity Game Engine	
Game Engines I 3D	3D Games using the Unity Game Engine	
Game Engines I Project	Independent Unity Game Development Project	
Unreal Video Game Development		16 Weeks
Game Engines II 2D	2D Games using the Unreal Engine	
Game Engines II 3D	3D Games using the Unreal Engine	
Game Engines II Project	Independent Unreal Game Development Project	
Career Planning and Preparation – Level 2		1 Weeks
Internship		16 Weeks

Program highlights include:

- Multiple Opportunities to become a Published Game Developer
 - Development with several gaming projects
 - Industry-experienced instructors
 - Learn the tools used by the gaming industry
 - Program recognized by industry experts
 - Registered and approved diploma
 - Career services
 - Job search assistance
 - Alumni program benefits
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Admission Requirements:

1. Student has an Ontario Secondary School Diploma or equivalent, OR Is 18 years of age or older on or before the program begins AND can pass a qualifying test that has been approved by the Superintendent. *
2. The approved qualifying test for this program is the Wonderlic test. A passing score for this program is 20.

*Applicants from other Canadian provinces must be at least 19 years of age and a minimum of 1 year out of high school by the program start date and successfully pass an academic achievement test.

Please contact us for more detail regarding admissions requirements for international students.

Accreditation Policy: Like all post-secondary institutions in Ontario, triOS College reserves the right to accept or deny advanced standing into its programs.

Note: In order to continuously improve our programs, triOS College reserves the right to modify programs at any time. Program delivery order may vary depending on the program start date. This diploma program may not be available at all campuses. The program may have additional reading weeks, depending upon the start date.

You can find our Key Performance Indicators (graduation rate, employment rate, etc.) at www.triOS.com/kpi. These are statistics from 2018.

triOS College is registered and approved as a Private Career College under the *Private Career Colleges Act, 2005*