triOS COLLEGE
BUSINESS ◆ TECHNOLOGY ◆ HEALTHCARE

Video Game Development (VGD)

The Video Game Development diploma program at triOS is 85 weeks. It includes a 16-week internship. The Video Game Development diploma program at triOS College is designed to provide you with the hands-on experience you need to create video games from concept to release. This program will teach you how to handle real world challenges, while providing in depth training in multiple programming languages and engines, including C++, C#, Java, Swift, Unity, Unreal and more.

Throughout the program, you will create a portfolio of games to showcase, and be given opportunities to publish these games. An optional four-month internship is also included to provide you with real industry experience and prepare you for your successful career in video game development.

Program Benefits

✔ Develop Games using Unity and Unreal Engine

✔ Gain Experience using Tools like Trello, Agile Methodology, and GitHub

✔ Build a Professional Portfolio

✔ Learn HTML, CSS, JavaScript, C++, and C# and more

✔ In-house online game jams (coding challenges) to enhance your portfolio

Here's a look at some of the courses included in this program:

Video Game Core Theory
Video Game Design, Math & Physics Fundamentals for Games, Digital Media & Portfolio Building

Video Game Development Fundamentals
Game Programming, Graphics Programming Concepts and Rendering

Unity Video Game Development
2D Unity Gaming Engine, 3D Unity Gaming Engine, Unity Game Engine Project

Unreal Engine Video Development
Unreal 2D & Blueprints: Develop 2D games for mobile platforms, Unreal 3D & C++: Develop 3D games for PC & console in Unreal with C++, Unreal Gaming Engine Project

Adobe Creative Cloud | Visual Studio Code | unity | UNREAL ENGINE

Employment and Wage Outlook for Careers in this field:

71%
Employment Rate

$45
Average Wage/Hr

$62
High Wage/Hr

Employment Rate based on 2021 contactable Eastern graduates employed in a related field within 12 months.
Source: workingincanada.gc.ca
NOC Code: 2174/21232 - **Wage data rounded down to the nearest dollar. Average wage doesn't reflect the starting salary but represents the middle value between lowest to highest wages. Local (or regional) income may vary. Last updated in Jan 2024.

Career Opportunities

Game Developer

Multimedia Developer

2D/3D Game Programmer

Game Designer

Quality Assurance/Game Tester

Animator

Employers Who Have Hired triOS Grads

Other Employers Include:

- Snakehead Games
- XMG Studio Inc.
- Little Guy Games
- Transgaming

"Great teachers who helped push me farther than I could have done on my own. I was given a lot of the tools needed to build a strong foundation for me to start learning from."

-Tim H.,
triOS College Video Game Development Graduate

Video Game Development + Internship

NOC Code: 2174/21232

Student Success Strategies Digital Literacy for Professionals Career Planning & Preparation – Level 1	**4 Weeks**

Video Game Design Math and Physics for Games Rapid Development Digital Media and Portfolios	**16 Weeks**

Fundamentals of Game Programming Advanced Game Programming Fundamentals of Graphics Programming Advanced Graphics Programming	**16 Weeks**

Game Engines I 2D Game Engines I 3D Game Engines I Project	**16 Weeks**

Game Engines II 2D Game Engines II 3D Game Engines II Project	**16 Weeks**

Career Planning & Preparation – Level 2	**1 Week**

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

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.

International Students: Please contact us for more details regarding admissions requirements.

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 on 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.