



SERIOUS GAMES CERTIFICATE

Part-Time Program

Bringing together the latest game technology, game design and game-based learning models the Serious Games Certificate delivers two streams of education:

- 1) **Educator Stream:** A set of theory and pedagogical courses designed to prepare educators to use and understand the new world of game-based learning, the re-purposing of games for use in education, and the nature, structure and elements of game play and game design.
- 2) **Game Developer Stream:** A set of practical courses designed to prepare skilled and experienced developers for employment in the Serious Games Industry.

PROGRAM REQUIREMENTS:

Required Courses:

Completion of all the Core courses and one set of courses from the stream of your choice.

Core Courses: (120 Hours)

- Introduction to Game-Based Learning (30 Hours)
- Introduction to Game Design (30 Hours)
- Elements of Game Play (30 Hours)
- Introduction to Learning Management Systems (30 Hours)

Educators Stream: (84 Hours)

- Learning Theory for the Game Environment (21 Hours)
- Introduction to Level Design (21 Hours)
- Repurposing of Existing Games for Education (21 Hours)
- Learning Delivery Techniques (21 Hours)

OR

Game Developer Stream: (84 Hours)

- Introduction to Development of Serious Games (21 Hours)
- Practicum: Level Design (21 Hours)
- Prototyping of a Serious Game (21 Hours)
- Introduction to Game Engines (21 Hours)

PARTNERSHIP:

This program is offered in partnership with Project Whitecard.



Project Whitecard Inc. is known for ground breaking success using video game technology to “turn swords into ploughshares.” Specializing in 3D visualization conveying complex data and information, Project Whitecard products are sought after by NASA and the Canadian Space Agency, as well as government and industry around the world. Project Whitecard creates Video Games, Learning Games, Training Interactives, and Augmented Reality Applications.

GETTING STARTED:

To attend a class:

- Submit a completed Course Registration Form to our Registration Office.

To enroll in a program:

- Submit a completed Application for Admission Form to our Registration Office.

Courses begin at various times throughout the year. It’s never too late to get started.

CHECK OUR WEBSITE FOR LATEST OFFERINGS AND COURSE INFORMATION

ACADEMIC ADVISING:

To get more information or to create your individualized learning plan contact Cathy at 204.982.1156, c.domke@uwinnipeg.ca or Cori at 204.982.1704, co.reimer@uwinnipeg.ca

CAREER OPPORTUNITIES:

- Game Developer
- Animator
- Game Development Educator
- Level Designer
- Interface Designer

TUITION:

Courses are paid for at the time of registration, the cost per course varies. Please check our website for current prices.

LOCATION:

The University of Winnipeg
Professional, Applied &
Continuing Education
Buhler Centre
460 Portage Ave
Winnipeg, MB

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