

# WEB & INTERACTIVE DEVELOPMENT

**2-Year Diploma**

Study emerging visual technologies that extend, replace and enhance our realities. Learn the fundamentals of programming, both the back-end and front-end development of websites, as well as mobile app development. Create and customize the delivery of web content on desktop computers and mobile platforms.

## PROGRAM LEARNING OUTCOMES

- ▶ Apply emerging visual technologies, including virtual, augmented and mixed reality applications, to create impactful and memorable user experiences.
- ▶ Use back-end and front-end programming languages and tools to design and create responsive and dynamic web content.
- ▶ Effectively collaborate with team members, clients and stakeholders to deliver creative and results-oriented interactive media solutions, while demonstrating effective communication skills, problem-solving skills and the ability to work well in a team.
- ▶ Create and customize interactive visual content that is accessible, engaging and interactive for a diverse range of audiences and on different platforms and devices.
- ▶ Apply critical thinking and problem-solving skills to address challenges and develop solutions in a fast-paced environment.
- ▶ Adapt to changing technologies and trends, demonstrating a willingness to learn and grow as a professional in a dynamic and evolving industry.
- ▶ Demonstrate professionalism and self-awareness while giving and receiving constructive feedback to improve skills, knowledge and professional practice.

For a full list of program learning outcomes, visit [assiniboine.net/interactivedevelopment](https://assiniboine.net/interactivedevelopment)

## You might be a good fit for this program if you would enjoy:

- ▶ Coding or programming.
- ▶ Exploring how technologies work.
- ▶ Developing new and innovative solutions to complex problems.
- ▶ Learning new tools and techniques and growing as a professional.
- ▶ Merging technology and creative expression.
- ▶ Working collaboratively with team members to create high-quality products.



**Campus/Delivery Options**  
Victoria Avenue East campus



**Available Intakes**  
September



**Work Integrated Learning**  
8 weeks

## EXPECTATIONS

### Program and Industry

- ▶ A valid driver's license and access to a vehicle is strongly recommended given the potential need to travel for practicum placement.
- ▶ Communicate effectively with team members and clients.
- ▶ Continuously seek and be open to feedback and critiques.
- ▶ Listen to direction and act on it accordingly.
- ▶ Maintain professionalism, attention to detail and quality of work under tight deadlines and in a fast-paced environment.
- ▶ Manage projects and time effectively, meeting deadlines and delivering work within industry standards and best practices.
- ▶ Perform static tasks, such as sitting and using a computer.
- ▶ Perform physical tasks, such as operating and maintaining equipment of various sizes.

- ▶ Use and keep up-to-date with changes in technology and be willing to continuously learn and adapt.
- ▶ Work in a collaborative team environment or independently as the situation requires.
- ▶ Take ownership of work and be accountable for meeting deadlines, communicating progress and resolving problems independently as they arise.

## CAREER OPPORTUNITIES

- ▶ Web development companies
- ▶ Online marketing agencies
- ▶ Large or small game development studios
- ▶ Educational software companies
- ▶ Entrepreneurs
- ▶ Freelance

## ADMISSION REQUIREMENTS

- ▶ A complete Manitoba Grade 12 or equivalent
- ▶ English 40G/40S or equivalent with a minimum mark of 65%

# NEXT STEPS

Confidence in the career path you choose to embark on is key, and selecting the right program for you is the first step. At Assiniboine, we offer an opportunity to explore and experience a program before applying. Choose to:

### SPEND A DAY WITH US

Our Spend a Day program runs from November to March for most programs. When you spend a day at Assiniboine, we partner you with a current student in the program of your choice and you will have the opportunity to:

- ▶ Participate in classroom activities
- ▶ Experience college life
- ▶ Explore all of our helpful services for students
- ▶ Meet current college students and instructors
- ▶ Enjoy a free lunch on us!

[assiniboine.net/spendaday](http://assiniboine.net/spendaday)

### ATTEND AN ONLINE INFO SESSION

Our free, live online information sessions give you the inside scoop on the program you're interested in and life at Assiniboine. Register in advance and from the comfort of your own home, log in to learn about Assiniboine.

[assiniboine.net/infosessions](http://assiniboine.net/infosessions)



Ready to Start?  
**APPLY NOW!**



[assiniboine.net/interactivedevelopment](http://assiniboine.net/interactivedevelopment)