New Media Courses: Part 1

Introduction to Interactive Digital Media
Course Code 9094 (20S)

To start your journey, learn to conceptualize, plan, develop, and publish an interactive digital media project. Learn to code using the essential web languages that are the building blocks to any website starting with HTML for structure and CSS for presentation. Become efficient in creating hand coded websites as well as using industry standard programs like Adobe Dreamweaver. With teacher-led instruction, examples, and the creation of your own web pages, you will learn to code to the W3C standards.

Interactive Digital Media Design
Course Code 9095 (30S)

Awareness of the principles and elements of design is the first step in creating successful digital projects. Learn how to use graphic creation programs like Adobe Illustrator, Photoshop and XD to create dynamic graphics for the web including logos, composite images, layouts and more! Integrate your artistic skills and technical theory to master the art of creating an intuitive website layout.

Futures in Interactive Digital Media
Course Code 9101 (40S)

Start 'collecting and connecting the dots' of your life experience to support your career aspirations. Develop your portfolio to show off your new skills for either employment or post-secondary opportunities. Find your future place of employment as you explore and research the local industry in Winnipeg and Manitoba. Learn business skills essential to the IT field including business practices, marketing, social media trends, culture, teamwork, communication, and employability skills.

Interactive Digital Asset Creation
Course Code 9096 (30S)

Create original assets to support your interactive digital media projects. Examples of assets include vector images, animations, and sound effects. Learn the basics of game design and take a more in-depth look at Game Creation software like Unity, as you create your own mini game to gain the hands-on experience you need to pursue further gaming interests.

New Media Courses: Part 2

Coding for Interactive Digital Media
Course Code 9097 (30S)

Take your web skills to the next level and add "programmer" to your resume. Learn the Web's hottest programming language: JavaScript! Using practical examples and writing your own interactive web pages, you learn the basics of programming from variables to looping, and how to work with the Document Object Model.

Advanced Coding for Interactive Digital Media
Course Code 9099 (40S)

Add complexity to your website. Turn your prototypes into functioning WordPress sites. Install, use, and learn the popular WordPress Content Management System. Use server-side technologies like PHP to handle forms and transform static web pages into dynamic data-driven applications.

Advanced Interactive Digital Asset Creation
Course Code 9098 (40S)

Do you want to create a member directory or forum? Properly designed databases are the key to dynamically driven websites.   Design a database and learn the SQL language needed to implement and manipulate your database system.   Students will learn the skills related to creating advanced features of dynamic asset creation as well as applying code to assets.

Project Management for Interactive Digital Media
Course Code 9100 (40S)

Learn and apply project management concepts while creating a web presence for a business client. This is your opportunity to apply your technical and business skills and gain real work experience. In this course, students will work in project teams as they apply the knowledge and skills learned in other courses to create, manage, and release an authentic interactive digital media project. Upload your final product for the world to see!

Visit the following links to view sample past projects:

- Able Seasonal Solutions – Able Seasonal Solutions
- Community Helpers Unite – Home - Community Helpers Unite
- CT Taylor – CT Taylor Music
- LRATC Alumni - Alumni association of LRATC - Louis Riel ATC
- Triple W Installs - Home - Triple W Installs
- New Media Design - New Media Design Program
- Time 2 Play Daycare - Time 2 Play – Early Learning Centre (time2play-elc.ca)
- LRATC Market - Home - LRATC Market (louisrielatc.ca)
- LRATC Salon ATC Salon | ATC Salon (louisrielatc.ca)
- Fly-In Feeder - Fly In Feeder | Fly In Feeder's official website
- Career Canvas - LEAN - Career Design Canvas
- Inline Machine Solutions - Inline Machine Solutions | Machine Shop – Experienced machinist with portable services for North America
- Norwood Gardener - Home | Norwood Gardener
- Game to Learn - Gaming Association of Manitoba Educators | G.A.M.E (gametolearn.ca)
- Manitoba Association of English Teachers - Manitoba Association of Teachers of English | Connecting ELA teachers (matemb.ca)
- Vaughan Poyser - Home - Vaughan Poyser
- Power of Painting - Power of Painting - Healing Through Art Paint Workshops