

## CURRICULUM: Libraries and Digital Technologies Graduate Certificate

<http://ce.mohawkcollege.ca/libdigtech>

Course Code and Course Name	Course Description
INFOLT402 Electronic Publishing and Emerging Library Technologies	Explore electronic publishing, including using basic web design, 3D printing, screen recording, blogs, microblogs, social networking, wikis, screen recording, augmented reality and gamification.
LIBR10035 Introduction to Metadata and Metadata Applications	Examine the fundamental concepts of metadata. Apply a variety of metadata schemes and standards related to the description of digital and electronic resources on the web.
LIBR10047 Library Leadership in the Digital Age	Explore strategies for leadership within current and evolving library environments including strategies focused on self-management and collaboration. Examine decision making competencies and key factors supporting successful management and implementation of change. Develop strategic and project planning skills and create a project management plan. Assess leadership outcomes and their impact on the organization and its stakeholders. Apply critical thinking skills to library leadership in a multimedia world.
LIBR10049 Digital Media in Libraries	Examine the expanding educational role and function of libraries as they become digital spaces supporting community creativity, engagement and participatory learning. Investigate how reframing of the library within the new culture of innovation, creativity and imagination supports users as they create, build and craft with digital technology and tools.
LIBR10048 Issues in Digital Resource Management and Technologies	Explore the management of library resources in electronic formats with emphasis on collection development, licensing and acquisition of e-resources, as well as issues relating to access, copyright and archiving. Examine the integration of social media platforms in provision of services. Assess the role of electronic resource management systems (ERMs) and digital repositories.
LIBR10046 User Experience in Libraries	Apply the principles of user experience (UX) to a library and information service environment. Explore the benefits of incorporating user behaviour and expectations to improve physical and virtual services and spaces. Conduct research leading to the implementation of a plan for improving library experiences for diverse users.
LIBR10042 Resource Description and Access I	Apply MARC coding and ISBD punctuation for cataloguing bibliographic records in an automated environment and implement changes in MARC coding resulting from RDA cataloguing guidelines for creating descriptive catalogue records.

<b>LIBR10041 Online Searching</b>	<b>Explore concepts used in searching online for information. Apply basic Boolean constructs and practice efficient retrieval of information from the Internet, library catalogues and commercial databases.</b>
<b>LIBR10036 Strategies for Instruction for Library Technicians</b>	<b>Analyze the role of the library technician in training and presenting. Examine skills required to plan and carry out instructional activities in a variety of library environments. Investigate and apply elements of effective instruction including presentation techniques, educational technologies, information literacy, learning styles, instructional design and evaluation methods.</b>
<b>INFO10172 Information Technology for Library Technicians</b>	<b>Investigate various types of information technology used in the library setting including mobile devices, e-readers, playaways, ipads and tablets, overdrive and media downloadable services, smartboards, QR Codes and various software applications and A/V equipment.</b>
<b>LIBR10050 Capstone I</b>	<b>Develop the habits of lifelong learning to understand the range of professional development activities available. Evaluate the learning process through reflective practice. Create an ePortfolio demonstrating a deepened awareness of the major topic areas studied throughout the program</b>
<b>LIBR10051 Capstone II</b>	<b>Produce an analytical research report leading to a client-focused proposal and presentation. Use critical and creative thinking skills to identify and respond appropriately to the organization's digital needs, interests and concerns. Research a current technology and its implementation in various organizational settings in order to prepare a digital technologies proposal for your organization. Generate an annotated bibliography in MLA style, and a multimedia presentation of the research.</b>