**ORIGINAL COURSE IMPLEMENTATION DATE:** September 1996
**REVISED COURSE IMPLEMENTATION DATE:** January 2022
**COURSE TO BE REVIEWED** (six years after UEC approval)**:** October 2027
Course outline form version: 05/18/2018

# OFFICIAL UNDERGRADUATE COURSE OUTLINE FORM

**Note: The University reserves the right to amend course outlines as needed without notice.**

| **Course Code and Number:** LIBT 220 | **Number of Credits:** 3 Course credit policy (105) |
|---|---|

**Course Full Title:** Information Technology in Libraries
**Course Short Title:** Info. Technology in Libraries
*(Transcripts only display 30 characters. Departments may recommend a short title if one is needed. If left blank, one will be assigned.)*

| **Faculty:** Faculty of Professional Studies | **Department (or program if no department):** Information Studies |
|---|---|

**Calendar Description:**

Students examine software applications and other technologies common to libraries. Exploring various issues and challenges associated with library technology, including privacy, security, and vendor relationships, students will apply evaluation criteria for acquisition, set up applications like databases and repository software, and develop instructional aids.

| **Prerequisites (or NONE):** | None |
|---|---|
| **Corequisites (if applicable, or NONE):** | |
| **Pre/corequisites (if applicable, or NONE):** | LIBT 120 with a C or better. |

**Antirequisite Courses** *(Cannot be taken for additional credit.)*
Former course code/number:
Cross-listed with:
Dual-listed with:
Equivalent course(s):
*(If offered in the previous five years, antirequisite course(s) will be included in the calendar description as a note that students with credit for the antirequisite course(s) cannot take this course for further credit.)*

**Special Topics** *(Double-click on boxes to select.)*
This course is offered with different topics:
☒ No  ☐ Yes *(If yes, topic will be recorded when offered.)*

**Independent Study**
If offered as an Independent Study course, this course may be repeated for further credit: *(If yes, topic will be recorded.)*
☒ No  ☐ Yes,        repeat(s)  ☐ Yes, no limit

**Transfer Credit**
Transfer credit already exists: *(See **bctransferguide.ca**.)*
☒ No  ☐ Yes
Submit outline for (re)articulation:
☐ No  ☒ Yes *(If yes, fill in transfer credit form.)*

**Typical Structure of Instructional Hours**

| | |
|---|---|
| Lecture/seminar hours | 23 |
| Tutorials/workshops | |
| Supervised laboratory hours | 22 |
| Experiential (field experience, practicum, internship, etc.) | |
| Supervised online activities | |
| Other contact hours: | |
| **Total hours** | **45** |

Labs to be scheduled independent of lecture hours:  ☒ No  ☐ Yes

**Grading System**
☒ Letter Grades    ☐ Credit/No Credit

**Maximum enrolment (for information only):** 36

**Expected Frequency of Course Offerings:**
1 section per year *(Every semester, Fall only, annually, etc.)*

| **Department / Program Head or Director:** Dr. Christina Neigel | **Date approved:** | April 27, 2021 |
|---|---|---|
| **Faculty Council approval** | **Date approved:** | June 4, 2021 |
| **Undergraduate Education Committee (UEC) approval** | **Date of meeting:** | October 1, 2021 |

**Learning Outcomes:**

Upon successful completion of this course, students will be able to:

1. Interpret readings relating to information technology to develop an understanding of the literature's scope and applicability to library work.
2. Apply teamwork skills to a technology proposal project.
3. Explain why technology and specifically data planning, security, and privacy are integral to library and information work and provide examples.
4. Create a basic and searchable library catalogue using appropriate library software and basic database design.
5. Develop strategies for resolving challenges during software installation, setup, and testing.
6. Work with an institutional repository, ingesting and organizing materials as a form of digital preservation and resource sharing.
7. Develop criteria for evaluating software that includes a consideration for user experience and accessibility.
8. Create instructions and/or procedures for working with a software application.

**Prior Learning Assessment and Recognition (PLAR)**

☒ Yes      ☐ No, PLAR cannot be awarded for this course because

**Typical Instructional Methods** *(Guest lecturers, presentations, online instruction, field trips, etc.; may vary at department's discretion.)*

Classes will consist mainly of lectures, learning activities, labs, and group work.

**NOTE: The following sections may vary by instructor. Please see course syllabus available from the instructor.**

**Typical Text(s) and Resource Materials** *(If more space is required, download Supplemental Texts and Resource Materials form.)*

| Author (surname, initials) | Title (article, book, journal, etc.) | Current ed. | Publisher | Year |
|---|---|---|---|---|
| **1.** n/a | Readings assigned from the UFV library collection. | ☐ | | |
| **2.** | | ☐ | | |
| **3.** | | ☐ | | |
| **4.** | | ☐ | | |
| **5.** | | ☐ | | |

**Required Additional Supplies and Materials** *(Software, hardware, tools, specialized clothing, etc.)*

The course requires highly current information and students will be assigned a range of reading materials available through the library. Students must have access to a computer to download software products.

**Typical Evaluation Methods and Weighting**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Final exam: | % | Assignments: | 55% | Field experience: | % | Portfolio: | % |
| Midterm exam: | % | Project: | 25% | Practicum: | % | In-class acitivites: | 20% |
| Quizzes/tests: | % | Lab work: | % | Shop work: | % | Total: | 100% |

**Details (if necessary):** Project-focused course. Assignments include reading group participation, software trial and evaluation and a tech proposal.

**Typical Course Content and Topics**

1. Introduction – course expectations & working in teams
2. How technology shapes library operations and services
3. Databases – structure, design, and effectiveness
4. Software implementation DBTextworks and Islandora
5. Legacy systems and adaptation – eg. ILSs and Discovery Layers
6. Assessing needs
7. Evaluating technology
8. Privacy, security, and proxy servers
9. Open Source and private vendors
10. Ebooks, 3D Printers, RFID, wifi, and other non-software technologies
11. Emerging technologies