

Innovation 101

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Welcome

This is the course book for LDRS 101: Learning with Technology. This book is divided into 6 units of study to help you engage with the course learning outcomes and prepare for the course assessment.

On the page below you will find a summary of the course syllabus, as well as how to navigate this book. Please also refer the schedule in Moodle, as well as the Assessment section in Moodle for instructions on assignments.

If you have any questions, do not hesitate to ask. We are here to help and be your guide on this journey.

The syllabus includes key information about the course schedule, assignments, and policies. Please read the full course syllabus, which you will find in Moodle. For information on how to navigate through this course on Moodle, see [here](#).

Course Description

Introduces theories and competencies related to learning and thriving in a digital world. Explores how learners are situated in ‘the digital’ throughout their lives and how they can use digital technologies to enhance and enrich their experience of learning, working, and playing. Learners will begin to build a curated digital footprint, initiate and develop personal and professional learning networks; develop competencies to allow them to evaluate and choose digital platforms and tools that are safe and ethical; and explore how to use digital technologies to discover, curate, connect, and share knowledge with their communities.

Meet Your Instructors

[insert]

Course Notes

How To Navigate This Book

Take a moment to experiment with the controls in the toolbar at the top of the page. You can search this book for a word or phrase (for example, to look up a definition). To move quickly to different portions of the book, click on the appropriate chapter or section in the table of contents on the left. The buttons at the top of the page allow you to show/hide the table of contents, search the book, adjust the typeface, the font size, and the background colour to make the text easier to read.



The faint left and right arrows at the sides of each page (or bottom of the page if it's narrow enough) allow you to step to the next/previous section. Here's what they look like:



You can also download an offline copy of this books in a pdf format. If you are having any accessibility or navigation issues with this book, please reach out to your instructor or our online team at elearning@twu.ca

Course Units

This course is organized into 10 units. Each unit of the course will provide you with the following information:

- A general overview of the key concepts that will be addressed during the unit.
- Specific learning outcomes and topics for the unit.
- Learning activities to help you engage with the concepts. These often include key readings, videos, and reflective prompts.
- The Assessment section provides details on assignments you will need to complete throughout the course to demonstrate your understanding of the course learning outcomes.

Note that assessments, including assignments and discussion posts will be submitted in Moodle. See the Assessment tab in Moodle for assignment details and dropboxes.

Course Activities

Below is some key information on features you will see throughout the course.

Learning Activity

This box will prompt you to engage in course concepts, often by viewing resources and reflecting on your experience and/or learning. Most learning activities are ungraded and are designed to help prepare you for the assessment in this course.

Assessment

This box will signify an assignment you will submit in Moodle. Note that assignments demonstrate your understanding of the course learning outcomes. Be sure to review the grading rubrics for each assignment.

Checking Your Learning

This box is for checking your understanding, to make sure you are ready for what follows.

Note

This box signifies key notes, important quotes, or case students. It may also warn you of possible problems or pitfalls you may encounter!

Chapter 1

Introduction to Digital Literacies for Online Learning

Overview

Welcome to Unit 1 of Learning with Technology! In this first unit, we begin the course by discussing...

Topics

This unit is divided into the following topics:

1. Understanding the Digital
2. Personal Learning Environments
3. Online Identity for Learning
4. Digital Literacies

Learning Outcomes

When you have completed this unit, you should be able to:

- Describe your engagement with digital technology
- Apply digital tools to support learning in an academic environment
- Explain what digital literacies mean for you in an academic and professional context

- Examine your digital footprint
- Build your professional online biography
- Examine privacy concerns related to various platforms and tools
- Describe how to protect yourself and others in the digital environment.

Activity Checklist

Here is a checklist of learning activities you will benefit from in completing this unit. You may find it useful for planning your work.

Learning Activities

- Watch the introduction video on ...and read...
- Establish a personal learning environment by setting up your own course blog.
- Illustrate your engagement with digital technology through a mind map.
- Publish your first blog post, introducing yourself to course participants.
- Audit your own digital footprint to find out what exists on the internet about you
- Share what social media technologies you use to support learning and how you use them by posting in the community forum in Discourse.
- Build or update your professional online biography and the “About” page of your academic / course website.
- Post in Discourse, sharing a comment about your learning on this course.
- Read an online article and annotate it using Hypothes.is.
- Search, evaluate, select, annotate, tag, and share resource links.
- Post in the Discourse forum, reflecting on the reasons why digital literacy matters to you
- Blog about your personal definition of digital literacies and the digital visitor / digital resident personal learning network (PLN) mapping exercise
- Take the Self-Check Quiz on Unit 1 concepts. (ungraded)

Note: The learning activities in this course are designed to prepare you for the graded assignments in this course. You are strongly encouraged to complete them.

Assessment

- See the Assessment section in Moodle for assignment details and due dates.

Resources

- All resources will be provided online in the unit.

1.1 Understanding the Digital

We begin Unit 1 with an introduction to ...

Activity:

Watch the video below to get an overview of

Next, read the article on...

Questions to Consider

After completing the activities above, answer the following questions:

- Why is it important to ...

Activity: Reflective Journal

Feel free to answer the questions above in your notes or Reflective Learning Journal.

Introduction to the Reflective Journaling

A reflective journal is simply a record of your thoughts. It is a reflection of the way you think and the manner in which you respond to your learning. Journals can consist of traditional note taking, mind maps, pictures, stream-of-consciousness writing, recordings, quotes, sketches, or drawings: whatever you choose to include. Experiment and have fun. The purpose of journaling is to make you an active participant in your learning experiences as you engage in the various activities throughout the course's readings, activities, and discussions with your instructor and your fellow students. Reflecting upon these learning events will help you gain a deeper understanding of the course materials and help integrate your learning into applied practice in your everyday life and work. Throughout the course, we will remind you to write in your journal, as we want to be sure you are actively learning the material. To assist you, we have provided you with questions you can ask yourself in order to get your creative energies flowing. Reflective journaling is an activity you can and should complete on a regular or daily basis, even outside of our scheduled course activities.

Common Questions Used for Reflective Journaling - Click to expand

- In your view, what were the most important points in the readings, videoclips, or discussions with your peers?
- What information did you already know?
- What new knowledge, ideas, or perspectives have you gained?
- What information was easy to remember or learn? Why?
- What concepts did you find more difficult? Why?
- How can you apply this knowledge to your work or current experience?
- How has this knowledge helped you to make sense of your current or previous experience?
- Has your understanding of a personal or work-related situation changed after studying these concepts?
- Did you agree or disagree with any of the material? If yes, how did you react and why?
- If you could have the opportunity to engage in further learning, what would it be?
- What further questions would like to ask the author of your readings?
- What other articles, books or discussions would be of interest?

1.2 Personal Learning Environments

...

The primary purpose of this topic is to enable you to set up your course blog, which will form the hub of your Personal Learning Environment (PLE).

Blog posts are a useful way of reflecting on your learning and a means to network with your peers. It also provides our learning community with a way to see how you are getting on and to help where we can.

The purpose of a PLE is to put the learner at the centre of the online learning environment, which will be enabled by establishing a personal blog for this course. Using a course blog:

You will retain control of your data and learning outputs generated during this online course, even after the course is completed. You get to choose: - The blog service you would like to use, although we recommend WordPress as it is supported by TWU. - Whether to accept comments on your blog from your peers - Whether to register your blog for the aggregated course feed so that any posts tagged with the course code (LiDA101) will be harvested for the feed.

A key teaching philosophy of this course is to embed the acquisition of new digital literacies into your learning journey. Knowledge of how to use the Internet and social media technologies will better prepare you for life in a digital world.

If this is your first time blogging, you should spend time in setting up your personal digital learning environment.

In this course, you will also use social media technologies to interact with fellow students. The advantage is that you will control and retain access to all the content and learning artefacts you create during this course, even after its conclusion.

Please remember that your course blog and the social media technologies you use on this course are public, and that you take full responsibility for anything you publish. Do not disclose any confidential information and respect the privacy of your employer, colleagues and friends. In short, don't say anything that you would not want to read on the Internet.

Activity: ...

Download and read “7 Things you should know about personal learning environments”. Read Why you need a Personal Learning Network by Education Technology Solutions.

Questions to Consider

After watching the video, consider the following:

- ...

Activity: Setting up your course blog

As this is a course focusing on digital literacies, you are asked to establish a course blog, as this will improve your skills and enable you to network with your peers.

We recommend using WordPress, as it is supported by TWU.

Follow the steps below to set up your blog.

1. Register an account and create a free blog on WordPress.com.
2. Determine the difference between the dashboard used for editing and the published view of your blog. (It is important to know the difference because, when you register your blog for the course feed, you must use the url for the public view of your blog).
 - Do you know how to open the published (public view) of your blog in a new window?
 - Have you added a browser bookmark to your dashboard and public version of your blog?
1. Complete your personal details for display on the “About” page of your blog.
 - Can you see the updates on your “about” page in the published view of your blog?
1. Review and customise your blog settings from the dashboard according to your preferences.
 - We recommend that you enable categories and tags on your blog.
 - Consider whether you want to moderate all comments or, in the case of WordPress, you can also enable previously approved posters to post comments without moderation. Conduct a web search on “moderating blog comments” to find out more about the pros and cons on the flow of information when moderating comments.
1. Visit the appearance option on your dashboard and personalise your blog by:
 - Changing: your theme, header image, background colours and/or image
 - Add at least one widget to your blog — remember “less is more“. One or two of the following are functional choices: Archives, recent posts, categories or category cloud, and blogs I follow.
1. Draft a blog post, reflecting on your experience of this e-Learning activity on creating a blog. Click on “save draft” (so you can review before publishing live on the web). Your reflection could for example:
 - Introduce yourself and reflect on what you would like to achieve by maintaining a blog to support your learning
 - Reflect on what you thought of the activity; Was it easy or hard?
 - Share links to any additional resources you found useful in completing the tasks.
 - Provide tips for future learners who will be completing this activity. If you were to set up a new blog again, what would you do

1.3 Online Identity for Learning

add intro paragraph

Your digital footprint matters, published by the Internet Society.

https://www.youtube.com/watch?v=Ro_LlRg8rGg&t=1s - Four Reasons to Care About Your Digital Footprint

Julia Angwin, author of “Dragnet Nation: A Quest for Privacy, Security, and Freedom in a World of Relentless Surveillance” attempted to erase her digital footprint. Watch this short CBS This Morning interview with Julia:

...

Activity: Digital Footprint Audit

In this activity you will audit your own digital footprint in order to find out what exists on the internet about you, and reflect on what you want your online identity to be. Follow the steps below to begin.

1. Conduct a Google search of your own name (using an incognito or private window in Chrome or Firefox). Search for your first name and surname without parenthesis (for example: snow white) and then with parenthesis (for example: “snow white”). Explore the results of your search.
2. Conduct a Google search of your name with the name of current and previous employers.
3. Conduct a Google search of your name with the name of previous schools you attended.
4. Expand your search to include social media sites, for example: “snow white” twitter; “snow white” facebook; “snow white” youtube etc.
5. Note any interesting or surprising findings.

Questions to Consider

After watching the video, consider the following:

- ...

Activity: Blog: My Digital Footprint

Prepare and publish a short blog post of about 250 to 300 words focusing on what you hope to achieve with your online digital identity for learning. Your post can include:

1. Optional reflection: You may want to include a reflection(s) on the outcomes of your footprint audit. Remember that your blog post is public, so only share what you are comfortable sharing with the world. You don't need to be specific; for example, you can generalise: I am satisfied with my digital footprint because ... or I would like to improve my digital footprint for learning because ...
2. Professional versus private: Consider how you want to separate your "private" online identity from your professional and / or learning identity. If you already maintain an online presence (existing blog, twitter and/or facebook accounts) think about how you will separate professional / learning posts from private and social life interactions online. For example, maintaining a separate course or learning blog is one way to achieve this distinction. Will you link your personal online identities (e.g. an existing Twitter username or Facebook account) with your learning blog? Will you link your professional online identity (e.g. published online biography on your employer's web site) with your learning blog?
3. Objectives: List a few objectives for developing or improving your online identity.
4. Remember to add a category or tag to your post using the course tag: LDRS101 (This is needed to harvest links to posts from registered course blogs for the course feed.)

Remember: You are in charge of what you post online and deciding what you would like to share for your digital identity for the purposes of this course. Don't share high risk personal details like physical address, date of birth, name of first pet etc., which may make it easier for identity thieves to appear more credible. If unsure, consult online resources for internet safety; for example Netsafe New Zealand. (replace resource)

!! Note that we will cover online identity in more depth in Unit 5.

1.4 Digital Literacies

In this unit we've started discussing 'the digital', you have started a blog (part of your PLN), and you've examined your own digital identity. In our final topic, we want to begin to define digital literacies, and continue to build digital skills.

So, what is digital literacy? In the next activity, you will start to unpack this term and prepare your own initial definition of digital literacy.

Activity: Defining Digital Literacy

Purpose: Search for definitions of digital literacy and digital skills on the web to identify the difference.

1. Read Wikipedia's definition of Digital literacy – Is this a good description?
2. Scan the #diglit hashtag on Twitter – Did you find any valuable links to defining digital literacy?
3. Conduct a Google search for “digital literacy.” Select a few definitions you like and record the urls, for example by adding these to your browser bookmarks.
4. Conduct a Google search for “digital skills.” Select one or two definitions you like and record the urls.
5. Conduct a Google search for “digital fluency” Select one or two definitions.
6. What are the differences between digital literacies, digital fluency, and digital skills? How are these concepts related?
7. Read: What is digital literacy? published by POMO – Is this a reliable source?
8. How would you rate the academic quality of the definitions you found (e.g. low / high quality)?
9. What did you discover? Share your thoughts and experiences by posting on the LDRS101 Discourse channel. For example:
 - The major difference between digital skills and literacies is ...
 - I didn't realise that ...
 - For me, digital literacy means ...”

Note: Your comment will be displayed in the course feed.

...

“Saying that any digital tool teaches us digital literacies is like saying a pen or a keyboard teaches us writing.” —Maha Bali ?

“Digital literacies are not solely about technical proficiency but about the issues, norms, and habits of mind surrounding technologies used for a particular purpose.” —Doug Belshaw, Educational researcher

Activity: Digital skills versus literacies

In this activity, we will review an article on the difference between digital skills and digital literacies using Hypothes.is – an online social annotation technology.

Purpose Read an online article and annotate it using Hypothes.is.

Tasks

1. Read the Hypothes.is “Quick start guide for students”
2. Create an account on Hypothes.is. Here is the registration link We recommend that you use the Chrome browser (download here) and install the Hypothes.is extension. Alternatively, you can annotate web pages directly from the Hypothes.is website by pasting the link into the text area after you have logged into the site. If you are working on a mobile device, please follow these instructions: How to use Hypothes.is on mobile devices.
3. Read the following article: Knowing the Difference Between Digital Skills and Digital Literacies, and Teaching Both
4. Activate the annotations after logging in to Hypothes.is and click on the search icon () and enter the course code (LiDA101) to filter posts for this course from the public feed.
5. Annotate or reply to posts by visiting the annotation page (You will need to be logged into the Hypothes.is site to post.)
6. Remember to tag your posts using the course code: LDRS101 (The course tag is required to harvest posts for the course feed.)

Activity: Researching a definition

This course is facilitated and enabled by resources that learners can access on the Internet. This involves the ability to search, evaluate, and select resources to support your learning. A key feature of a PLE is the ability to share useful and valuable information with your peers. In this activity, you will complete your first resource bank activity, where you are invited to search for additional resources to help you refine and develop your own definition of digital literacies, and to reflect on how this differs from definitions for digital skills. The resource bank activity builds on your initial search on the previous page by inviting you to share links to valuable resources you source on the Internet. The resource bank provides the technology to share these resources with our LDRS 101 learning community.

The resource bank for this course is hosted on ...(Obsidian? Evernote? Moodle wiki? Google doc?) is an open source social bookmarking application which enables users to share and annotate links to resources they find on the web. It uses a tag system to group resources according to different topics. The tag system helps users to locate links to resources on the site using the same tag.

The purpose of this activity is to find and select online definitions for digital literacies and digital skills, and to record and share these links using the OERu resource bank. This activity is designed to give you the opportunity to familiarise yourself with our shared resource bank, which is hosted on the bookmarks.oeru.org site. Note the format of the resource bank activity; in particular, scroll down to the footnote area at the bottom of this activity to see the required and recommended tags.

Tasks

Search 1. Conduct a general Google search to find a few definitions for digital literacies and digital skills (narrow your search to three or four resources you find valuable for both concepts.) **Select 1.** Select the best resource link for each concept – think about why you chose these links. **Create an account on bookmarks 1.** Click on the register link on bookmarks.oeru.org 1. The code you need for the anti-spam question is contained in the instructions for Session 1. 1. For additional help in using bookmarks, consult the support site. **Record, annotate and tag your bookmarks 1.** Log in to bookmarks.oeru.org and click on the “Add” link to record your best resource link describing digital literacies, and your best resource link for describing digital skills. 1. Remember to add the required tags and suggested tags (see below in the footnote area). - Notes about tags: Tags should be lowercase without spaces. When adding more than one tag, these should be separated using commas. The lida101a2-1 refers to the first activity of the second learning pathway of the lida101 course. - Important: Remember to make your bookmark public (this is located next to the privacy section in the edit window when adding a bookmark). 1. Include a short description summarising the link, including why you recommend the resource. **Explore the bookmark tags for digital literacy and digital skills 1.** Click on the “Tags” link located at the top of the page at bookmarks.oeru.org. 1. Search for resources tagged: digital literacy, or with the activity number: lida101a2-1 (Note, remember to select “all bookmarks” so that your search is not restricted to your own bookmarks.) 1. Explore a few bookmarks which have been submitted by fellow learners. If you find a resource you like, vote for the resource by clicking on the “thumbs-up” graphic. Click on the “copy”

Activity: Forum – Why digital literacy matters

A key component of digital literacy and networked learning relates to the ability to engage meaningfully in online learning communities.

This learning activity will provide you with the opportunity to familiarise yourself with the Moodle discussion boards that are common in TWU online learning discussions.

Purpose of discussion activity: To reflect on the reasons why digital literacy matters to you, and to demonstrate your digital skills using a discussion forum.

TWU online courses often use Moodle discussion forums as the main discussion platform for learners to engage in course conversations asynchronously.

- info re oeru forums - replace with Discourse? This is a community managed platform using the open source Discourse software. The system awards badges for a range of activities. Authentic activity increases the user's trust levels which will enable more software features for participants as your trust levels increase over time. Therefore it's a good time to get started in earning your first badges and improving your trust levels early in the course.

Watch the following video and jot down the reasons why digital literacy matters to you, then complete the steps which follow. <https://www.youtube.com/watch?v=p2k3C-iB88w&t=3s> update video?

Steps

1. Log in to forums.oeru.org (Sign up to register a new account if you don't already have one.)
2. Complete your profile page (Click on your user icon on the top right-hand side of your screen and select the settings cog (.))
3. Spend a few minutes to explore the badges you can earn on the discourse platform. (Click on the badge for details.) By the end of this learning pathway you should have attained the following badges:
 - Autobiographer
 - First-like
 - First mention
 - First quote
1. Post a contribution to the discussion on digital literacies and why they are important for you
2. Remember to post one or two replies to interesting contributions (You should also "like" good contributions, use ? when replying, and if appropriate quote a reply when responding.)

Activity: Researching a definition



Summary

In this first unit, you have had the opportunity to learn about ...

Assessment

Quizzes 1 & 2

After completing this unit, including the learning activities, you are asked to complete ...

Checking your Learning

Before you move on to the next unit, check that you are able to:

- Describe your engagement with digital technology
- Apply digital tools to support learning in an academic environment
- Explain what digital literacies mean for you in a tertiary education context
- Examine your digital footprint
- Build your professional online biography
- Examine privacy concerns related to various platforms and tools
- Describe how to protect yourself, other students and colleagues, to stay safe in the digital environment.

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Chapter 2

Title

Chapter 3

Title

Chapter 4

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Chapter 5

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Chapter 6

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Chapter 7

Title

Chapter 8

Title

References

The following are key references used in this course. *Check with your course syllabus for required readings.*

Bibliography