

Leadership 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!

Course Technology

The following tools will be introduced in this course. Feel free to explore the links below, or wait until they are introduced in the particular unit in which the tool is required.

Course Annotations

Hypothes.is is our annotation tool. With hypothes.is you can annotate web pages on the Internet as well as keeping private notes when using the highlight

feature.

Hypothes.is enables you to:

- Select text to annotate.
- Add tags and post publicly or save privately. - Reply to or share any annotation.
- Link to notes or whole pages.
- Annotate together in groups.
- Collaborate privately with others.
- Search your notes.
- Explore all public annotations and profiles.

How to annotate a web-page Four steps to annotating web pages using hypothes.is:

Step 1: Create an account on the Hypothes.is website. Step 2: Add Hypothes.is to your browser. (Install the add-on for Chrome or bookmarklet for other browsers). Step 3: Go to any web page, launch Hypothesis (using the Chrome add-on or browser bookmarklet) and log in using the account you created at Hypothes.is. Step 4: Highlight the text you want to annotate (see how to highlight text published by computerhope.com), click on the “Annotate” button which appears when you highlight the text, type your annotation and click “Post to Public”. The following video provides a brief overview of how to post an annotation. Watch Hypothesis Web Annotations

Resources Go to the Get Started page to sign up. - Quick Start Guide for Students - Student resource guide - Annotating as a group (i.e. share annotations on a page or pages) If your course is using Hypothes.is to instructions will be given in the course. Instructions on this can be found here

Chapter 1

Introduction to Digital Literacies for Online Learning

Overview

Welcome to Unit 1 of Learning with Technology! This course will introduce you to some ideas related to living, learning, and working in our digitally-saturated society. It is our intent to provide you with opportunities to start your university career with an emerging set of skills and literacies related to digital tools for learning. Within your academic pursuits, you will encounter a vast amount of information, and integrating digital tools into your learning journey might be difficult. Your chosen discipline will provide ample learning possibilities, and incorporating digital tools to enhance your learning may prove challenging. This course will give you a head start on using digital tools to build a workflow that will allow you to stay organized and to make your process of learning visible for yourself and your instructors. We will also lead you through readings and thoughts about your digital identity, privacy and security, and sharing your new knowledge in ethical ways.

There will be two primary branches of the course and the tools that we will show you. The first branch will be a workflow that is private to you because it takes place primarily on your own computer, and the second branch is shared as publicly as you are comfortable sharing. You will have control over how public your work is, but we will think about the importance of sharing knowledge and how to do that easily and in ways that preserve your ‘ownership’ over your work.

During this first week, there will be both theoretical and practical work for you to do. In order to build a theoretical understanding of digital tools for learning,

we will explore the idea of *the digital* in the context of contemporary society. At the same time, there are some important practicalities to manage in order to get set up for the course, so we will lead you through installing some apps on your computer that you will use extensively in this course, and which hopefully will become the backbone of your digital workflow throughout your time in higher education and beyond.

Topics

This unit is divided into the following topics:

1. Understanding the Digital
2. Digital Literacies
3. Digital Privacy and safety
4. Digital Safety
5. Starting your Workflow

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.

During this unit you will:

- create a Visitors and Residents diagram
- download and install Obsidian
- download and open the course vault in Obsidian
 - activate the plugins that came with the Obsidian vault

You will be directed to complete these activities as they come.

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 the idea of *the digital*. You may recognize that digital tools are deeply embedded in modern society. It is not uncommon for people of all ages to interact with apps and tools that claim to connect people in conversations or networks, or to perform complex tasks for work, or to control various systems in our vehicles. Digital technology is really everywhere we look. Thinking about these tools is one way to conceptualize how we interact with digital tools, but we can also recognize that our social practices and norms have been impacted by digital tools. An example of this, at least in North America, is that the names of companies have become verbs. If people want to learn something about a topic, they *Google* it. It is deeper than that, though, as the COVID-19 pandemic led to many jurisdictions relying on mobile phones for allowing people to confirm their vaccination status in order to access restaurants or other public venues in the midst of restrictions creating barriers for those who don't have mobile phones. Mobile phones are often essential tools

for communication, social media, internet browsing, messaging, entertainment, photography, navigation, online shopping, mobile banking, productivity, and health and fitness management. In other cases, such as in social media, it is almost impossible to participate in public discourse without access to technology.

Modern universities are also deeply impacted by *the digital*. Every system involved in higher education has been digitized in some manner, including recruitment, accounting, and fundraising. As you begin your university career, here are some digital systems you will likely encounter:

- courses are designed and often delivered digitally,
- course logistics (discussion forums, assignment submissions, quizzes, gradebooks) happen in large digital tools called learning management systems (LMS) or virtual learning environments (VLE) (e.g. Moodle),
- assignments must often be created digitally (word processors, presentation software, video editors, website builders),
- research data is gathered, stored, analyzed, and shared digitally

There are many other processes and procedures that rely on *the digital* in higher education, but the important thing for you to realize as you begin your higher education journey is that there are many tools that you will be required to learn and use throughout your journey. Some are more obvious, like word processors, presentation software, email, the library website, and LMSs, but some are less obvious and won't necessarily be taught specifically, other than in this course.

Some of the digital tools we will introduce to you will help you build a *workflow* for you to manage the huge amount of information and resources that you will have to sort through to complete many of your assignments. You will learn to use AI to find *relevant* resources on whatever your topic might be. As you know from searching Google, a simple search of the web can turn up thousands or millions of hits, but there are tools that can help you highlight the 20 most relevant resources in just a few clicks. Once you find resources, we will show you tools that will allow you to track all your references, create citations in your writing quickly and easily, and then create a perfectly formatted reference list. Do not waste your time creating your own bibliographies! This one tool will save you days and likely weeks of work during your degree (quite literally). We will show you another tool that will allow you to make connections between ideas and notes so that you build a network of connected ideas. Curating this network of ideas is possibly one of the most useful things you can do in higher ed. You will end up with a searchable network of everything you've learned, and be able to visualize it at the click of a button. We will help you think through the implications of how you present yourself on the web so that you can make wise decisions about what you share and how you share it. We will also help you make connections on the web that could become a key resource for your learning and working in your career.

Activity:

Head over to the Learning Hub, which is an app called *Discourse* that we use to build community among learners who do not attend one of the TWU campuses in Langley or Richmond, BC. Find the *Leadership/Media and Communications 101* category and respond to the *Welcome* forum.

1.2 Digital Literacies

Definition 1.1 (Digital Literacy). Digital literacy is a person's knowledge, skills, and abilities for using digital tools ethically, effectively, and within a variety of contexts in order to access, interpret, and evaluate information, as well as to create, construct new knowledge, and communicate with others. (?)

Literacy, as we commonly understand it, is the ability to *understand* the meaning of texts. It is more than just being able to 'read'. In the same way, digital literacy is the ability to make meaning using digital tools. It is more than simply being able to post to Instagram or TikTok, or whatever app you might use. As the definition above indicates, digital literacy involves using tools *ethically*, to *access*, *interpret*, *evaluate*, *create*, *construct*, and *communicate* information and knowledge.

"In today's world, being literate requires much, much more than the traditional literacy of yesterday." —Rebecca Alber

Traditionally, literacy was about speaking, listening, reading and writing. Literacy has taken on a much broader and complex meaning. Today there's also digital literacy, media literacy, new literacy etc. In this signpost you are invited to reflect on how your literacies have changed, when compared to your parents and to speculate on new literacies the next generation of learners may need for the future.

Activity

Reflection on the 21st century learner

The following video, published by the MacArthur Foundation, questions how digital media are changing the way young people learn, play, socialize, and participate in civic life. John Seely Brown a researcher with particular interests in radical innovation and digital culture suggests that today's gaming oriented children want to be measured and feel that if they are not learning, it is not fun. How does this relate to how you feel about learning?

Watch the video and think about:

- What “literacy” skills have you acquired when compared to your parents?
- What “literacy” skills will be important for future learners in higher education?

Reflect on the following writing prompts:

- My parents did not need to ...
- A new literacy I acquired is the ability to ...
- Higher education students of the future will need to ...
- ... is an important 21st century skill for future employment

You could jot down your responses in your notes, whatever form that may take (paper journal, word document, other app). However, stay tuned and we'll show you a tool we think will be a game changer in your academic studies!

One way to start thinking about digital literacy is to create a map of the apps and tools that you use, how you use them, and what traces of your presence you leave behind on the web. We call this a *Visitors and Residents Diagram*. To complete this activity, you will need to do a little bit of setup, as follows.

Activity

Install Obsidian

Obsidian is a free and open source note-taking and mind-mapping app.

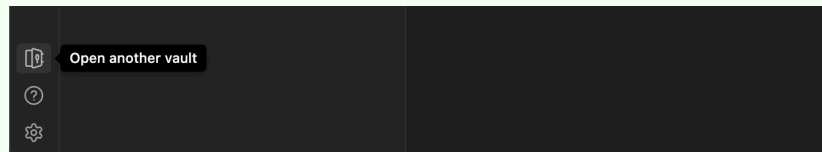
1. Go to obsidian.md and follow these instructions to install Obsidian on your computer.
 - It is recommended that you use a computer, rather than a mobile phone to install Obsidian, but please let your instructor or facilitator know if you are on mobile.
 - You do NOT need to purchase any upgrades such as **Obsidian Sync** or **Obsidian Publish**.
2. Work through the **Getting Started** section of the Obsidian help pages starting with **Create a vault**.
 - When you create the vault in this step, we recommend that you name it **TWU** or something similar. Later, you can create as many vaults as you would like.
3. It is recommended that you use one of the sync services listed here so that your files are backed up.

Obsidian will become a backbone of this course as we will use it to learn how the web works and give you a workflow that will help you stay organized. One of the advantages of Obsidian is that everything you do in the app happens on your own computer, rather than *the cloud*, which is just another way of saying *someone else's computer*. However, the drawback to that is that you need to ensure that you have a backup of your vaults in a secure location, either one of the sync services mentioned in step 3, above, or another backup system. Please check the Learning Hub or talk to your instructor or facilitator for help with this.

To give you a head start, we have created a **starter vault** for you to download and use. Follow the instructions below to access the starter vault.

Download the Starter Vault

1. Click this link to download the vault.
 - This will download a file called `ldrs101-vault-main.zip` to your computer.
2. Move the file to your **Documents** folder.
3. Unzip or extract the contents of the file.
4. Rename the folder to **ldrs101**.
5. Open the **Obsidian** app and click the **Open another vault** icon in the bottom left corner.



6. Choose the **ldrs101** folder, and then Obsidian will ask you to trust this vault. Click 'Trust author and enable plugins'.
7. Once you are in the vault, feel free to take a look around. You will notice a **HOME** page, a **Tools** folder with some files in it, and a **VR Diagram Canvas**.

1.3 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 X (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.

1.3.1 Digital skills versus literacies

“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.

(Watch: *Digital literacy and why it matters*) <https://www.youtube.com/watch?v=p2k3C-iB88w>

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
4. Post a contribution to the discussion on digital literacies and why they are important for you
5. 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.)

Assessment and scope of digital literacies

Digital literacies for academic learning involves more than Facebook, Snapchat or Twitter and the associated technical skills in using these technologies.

As you explore the concept, you will find online resources which confuse digital skills with digital literacies. The activities which follow aim to provide an initial introduction to the wide range of digital literacies associated with academic learning. We will explore the concept of digital literacies in greater depth as we progress with the course. When exploring these online resources, we encourage you to differentiate between skills and literacies and to develop a critical disposition. Digital literacies involve issues, norms, and habits of mind surrounding technologies used for a particular purpose. However, these literacies are closely related to technical proficiency in using a range of digital applications

Activity: Am I Digitally Literate?

Digital literacies encompasses a wide range of capabilities which extend beyond the digital skills associated with different technologies.

1. Study the graphic depicting the Seven elements of digital literacies (scroll down the page to view the graphic). (replace)
2. Jot down one or more technologies or tools you would recommend for each of the seven elements in the graphic and assess your competence in using each particular technology/tool (eg below average, average, above average and excellent).
3. Next, use your searching skills to discover the range and scope of digital literacies (Don't spend more than 15 to 20 minutes on the self-assessment activity).
 - Conduct a Google search using: “digital literacy self-assessment”
 - Choose a link to conduct a self-assessment of your digital literacy.
 - **Alternatively, you can:**
 - Try the iTest developed by the University of Exeter **or**
 - Explore the What is digital literacy? page of the Digital Literacies Toolkit developed by the University of Southampton.

Questions to consider

- Did the self-assessment you chose focus on digital skills or digital literacies?
- What did you learn from this exercise?
- Share your thoughts by posting on Discourse:

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

1.3.2 Digital Privacy & Safety

Now that you have assessed some of your digital skills or literacies, let's focus our attention on privacy and safety. In this section we summarize important practices as a reminder to remain vigilant in protecting your privacy and security

online. If you are unsure about good security practices, there are a wealth of online resources you can (and should) consult.

Privacy

Your privacy is fragile, easy to lose instantaneously, and difficult to retrieve in an environment that requires so much online interaction.

- **Identity theft** happens, frequently.
 - Never put your social security number, your birthday, your mother’s maiden name, or any other personal facts, anywhere online. Everyone on the Internet will be able to access this information.
 - Always assume that anything you write online (including email) can, and probably will, eventually leak. Keep your email address private – to avoid receiving spam. If your email is published in a plain form anywhere online, even if it is part of an archived email list, spammers will “harvest” it for their databases.
- **Spam email (at least half of all email being sent)** – is an unfortunate fact of our modern lives.
 - If you must publish your email address online, consider creating a “sacrificial” email address, or one you only use to publish online. You can create an email “alias,” which you can set to automatically forward to your primary email, and easily disable if your spam volumes increases.
 - Another approach is to avoid publishing the email address as something like *myname@somewebdomain.net...* Instead you might use more confusing text, such as *myname-at-somewebdomain-net*. Some websites support using these types of obfuscation methods, but the spammers who “scrape” email addresses from websites to populate their spam databases use increasingly sophisticated methods to defeat these methods.
 - Basically, avoid publishing the email addresses you value online to decrease the amount of spam you receive.

Passwords

What about passwords? Many people have just one, or maybe a few. Given the number of websites and web services which require password-based authentication, this is not good enough to avoid an identity disaster.

The problem with having only a few passwords is that even resource-rich and security-critical organizations have suffered massive leaks. If even one of them suffers a data leak, identity thieves will obtain your password and try to use it on other websites. It is easy for them to do this using computer technologies.

Other ways someone can get your password include:

- Sniffing traffic when you log into a non-secure website that uses `http://` rather than `https://` – the “s” stands for secure because your data transmission’s encrypted. Look for the Lock icon.png in your address bar.
- Sniffing emails – your email, unless encrypted, is not secure. Never send a login and password along with the web address of a service (similarly, don’t send credit card numbers).
- Phishing attacks – where someone sends you an email that looks like it is from a trusted sender, such as from a friend, your bank, an online store you frequent, or a government agency, and they ask you to enter your password to confirm it. No one should ever ask you to enter your password via email.
- Always check the web address (hover over the link) to make sure it corresponds to the right place, or call the sender to confirm the request over the phone.
- Brute force – hackers often use computers to guess your password, beginning with a list of common passwords, and try different combinations until they get it right, or until the system locks them out for trying too many times.
- “How secure is my password” sites – you should avoid these sites and never type your password into a website or email response that is not appropriate, especially when you know the sender also knows your email.
- Once your email and any password combination are known, identity thieves will try to use them at various websites, because they know most people only use a few passwords. A thief who discovers a password you created for a website you rarely use will try to compromise the security of a website that is important to you – such as your email system, your workplace, social media accounts, or bank account.

There are services you can use to check if your email is part of a leaked password data set. So, what can you do to protect yourself?

Password Managers

Get a password manager. They are incredibly helpful and convenient now that many of us use several computers and mobile devices. Password managers help you manage your passwords.

- When you choose a password manager, make sure you create one strong password, such as a full sentence with some numbers and special characters. This is all you need to remember – the password manager remembers the others. This ensures you generate a different, fully-random password for each website you use that requires a password.
- Good password managers only ever store your details in an encrypted form, where even the company that stores it cannot see your passwords. To access your passwords, you log into the password manager service using your single, strong password (via a secure web link – usually the default, but always check!).
- There are many password manager options. Some widely used proprietary options include Lastpass and 1password. Open source options also exist, such as Bitwarden. Sadly, some of the most popular password managers have suffered from software bugs that have exposed user passwords.

Activity: Get a Password Manager

If you don't already use a password manager, set up an account with Lastpass, 1password, or the free password manager, Bitwarden to familiarize yourself with how password managers work.

1. Read the instructions in the article: "*How to Start Using a Password Manager*" published by Makeuseof.com
2. Create an account on the password manager site and establish a Master Password. (Conduct an online search for advice on choosing a secure Master Password.)
3. Install the browser extension for your local browser.
4. Choose one of the TWU course websites and set up a new secure password using your password manager.
5. Log out of the TWU course website, and log in again using the password manager.
6. Install the mobile phone app for your operating system, and/or desktop application for your computer (optional). Synchronize the local app with your online vault.
7. Consider using the Password manager for your online accounts so you can easily set up and maintain a unique password for each online account you use.

Good Messaging Hygiene

Always assume that anyone can and will read anything you write in an email. Email is not a secure form of communication. Few people encrypt their email, because it is an extra step that even the most technically-inclined users are reluctant to take. Both sender and recipient have to be technically proficient.

Text messages and instant messaging, such as Facebook messenger, are also insecure. Anyone, including government officials and the organization that runs the service, such as Facebook employees, can read it.

Secure your Own Privacy

Never send any sensitive data, such as your social security number, credit card number, password, or other personal information via email or text. Call the person to provide this information over the phone.

You can use a secure, encrypted, text message service, such as Signal if necessary. It is available at no cost, works on most platforms, and encrypts text messages on your phone. If you text someone else with Signal installed, the entire transaction is encrypted.

Secure the Privacy of Others

Another element of good digital hygiene is to protect the identity of others. For example, never send group emails using To: or CC: (carbon copy) for each email address. You will reveal the email addresses for everyone on your list. This is especially problematic if you or another person saves the email message and displays it on the web, such as in a mailing list archive. This makes it easy for spammers and hackers to access and download all of those email addresses.

Use BCC: (blind carbon copy), to hide the email addresses from your recipients, to protect everyone's privacy. Use your own email address, and BCC the rest of the recipients, if your email software requires you to insert an email address into the To: box.

When using an email mailing list, where you send messages to a single email address to a list of people, never CC: someone else in the same message. This will compromise the privacy of every CC'd recipient and the privacy of the list. Always check with the people on the list to ensure you are not taking unacceptable liberties.

If someone asks you to share an email address of a friend or colleague, you should ask permission to share their email address, and state why the third party is requesting their email.

Be a Thoughtful Sceptic

So how can we protect ourselves if new threats are emerging all the time?

- Be conscious of where you put information that is “private” to you.
- Beware of the terms of service of social media providers, such as Facebook. Use a service like “TOSDR” to help identify risky, overreaching services. You may be able to use certain privacy settings to protect your information.
- Always check the identity of a website before you enter any passwords or personal information. Secure certificates are generally trustworthy, but be sure check the names and details.
- Always ask whether you should trust a provider or a government agency. Always ask “who benefits when I do this?” What are their incentives?
- Protect your own data and be even more protective of others' private information. For example, be cautious before posting information about

yourself or someone else. Be especially cautious when posting pictures or videos of their children.

- Remember, complacency and unwarranted trust are your biggest enemies. A healthy paranoia is good for your digital health. Think about the great amount of time and effort it will take to regain your identity (and credit rating) if your information is compromised.

Activity: PLN mapping challenge

In this activity you will publish a blog post including your personal definition of digital literacies and complete the digital visitor / digital resident personal learning network (PLN) mapping exercise.

1. Read the Digital Visitor and Resident article on Wikipedia
2. Watch David White's video on visitors and resident mapping
3. Explore the visitors and residents map below (click on the image for a larger view).

Missing image below

A Visitors & Residents map of online engagement.jpg

Review one or two examples of the following digital visitor and resident maps created by learners. (Click on the image for a larger view and image attributions. Remember that your “back button” will take you back to this page or you can open the image links a new tab or window.)
insert images from <https://course.oeru.org/lida101/learning-pathways/introduction-to-digital-literacies/tasks-pln-mapping-challenge/>

1. Create your own Personal Learning Network (PLN) map. You can generate your PLN map using your preferred graphics software, slideshow software, or draw your map free hand and then take a photograph for posting on your blog. Institutional quadrants in this context refers to your professional environment and/or engagement in formal learning contexts. (Note that the final assessment requires your PLN map to be generated using digital tools, but for the purposes of this post you can use a hand drawn graphic as a draft before finalising this post for assessment.)
2. Revisit your original definition of digital literacy and think about how you would like to refine and improve your first attempt.
3. Prepare a revised definition of digital literacy and what digital literacy means for you.
4. Complete today's LiDA photo challenge and share your reflection and image on mastodon.oeru.org or Twitter. Remember to include the following two hashtags in the text of your tweet: #LiDA101 and #lida101photo
5. Consider the digital literacies you would like personally to improve on this course based on the seven elements of digital literacies

Activity: Blog: Digital Literacies for Online Learning

Publish a blog post responding to four requirements:

Your personal definition of digital literacies justified from your reading of the literature (about 100 to 150 words) Describe what digital literacies mean for you in a sentence. Upload an image of your PLN map in your blog post. Summarise an action plan for improving your digital literacies. Identify the literacies you plan to improve including the reasons why and how you aim to achieve this. Ensure that your references are cited appropriately. Scan the course feed for blog posts and post a comment on two posts from your peers. Notes

Remember to tag or label your post using the course code: LiDA101. (If you omit this step, we will not be able to harvest your post for the course feed.)

Activity: Researching a definition

Missing content

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.

Chapter 2

Discovering and Curating Resources

Overview

...

See Definition 1.1

Topics

This unit is divided into the following topics:

1. Finding & Selecting Resources
2. Citation Management

Learning Outcomes

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

- ...
- ...

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

- ...
- ...

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.

2.1 Topic

content

Activity:

Watch/read...

Questions to Consider

After completing the activities above, answer the following questions:

- ...

2.2 Topic

content

Activity:

Watch/read...

Questions to Consider

After completing the activities above, answer the following questions:

- ...

2.3 Topic

content

Activity:

Watch/read...

Questions to Consider

After completing the activities above, answer the following questions:

- ...

Summary

In this 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:

- ...
- ...

Chapter 3

Connecting Ideas for Learning

Overview

...

Topics

This unit is divided into the following topics:

1. Sense-making through Hyperlinks
2. Sense-making through Taxonomies
3. Note-Taking
4. Concept Maps
5. Digital Tools to Support Learning

Learning Outcomes

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

- ...
- ...

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

- ...
- ...

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.

3.1 Topic

content

Activity:

Watch/read...

Questions to Consider

After completing the activities above, answer the following questions:

- ...

3.2 Topic

content

Activity:

Watch/read...

Questions to Consider

After completing the activities above, answer the following questions:

- ...

3.3 Topic

content

Activity:

Watch/read...

Questions to Consider

After completing the activities above, answer the following questions:

- ...

Summary

In this 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:

- ...
- ...

Chapter 4

Building Your Online Presence

Overview

Welcome to Unit 4! In previous units, you've been introduced to the world of digital literacies and how to use various tools for organizing and connecting ideas. You have started to build a workflow to help you learn more effectively, and have applied the critical skill of metacognition to explain your process for learning.

Now, let's delve into the next phase of our learning journey.

In the second half of the course, you will continue to build your digital skills and apply critical thinking to document your learning process. Our focus will shift from creating a personal collection of ideas to presenting your learning in a more open platform. It's important to emphasize that *you* will decide how public you want to be. We'll also consider why sharing knowledge is important and explore user-friendly ways to do so while still maintaining your control over your work and handling privacy matters. As you begin this unit, reflect on your personal and academic goals as they relate to digital literacy. Consider which digital tools you'd like to explore and reflect on how your online contributions can not only benefit you, but also make a positive impact on others.

Topics

This unit is divided into the following topics:

1. Personal Learning Environments

2. Building a Learning Blog
3. My Digital Footprint
4. Evaluating Digital Tools

Learning Outcomes

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

- Create a personalized narrative to document and express your learning process
- Examine your digital footprint and develop a positive digital online identity
- Evaluate digital tools, platforms, and interactions based on ethical principles
- Critically evaluate the affordances and restraints of digital tools and platforms
- Identify the digital skills needed in your field of study
- Describe how to protect yourself, other students and colleagues, to stay safe in the digital environment
- Practice evaluative judgment to document your process of learning in complex domains of knowledge

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

- Reflect on your Personal Learning Environment as you view the resources on PLEs.
- Create a new blog on WordPress and personalise your blog site.
- Conduct a Digital Footprint Audit
- Document and share your learning experience by posting a blog entry.
- Evaluate a digital tool, considering the ethical implications
- Read the article on Digital Wisdom, and reflect on how we use technology for our own benefit and to benefit others.

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

- **Digital Literacy Portfolio.** See the Assessment section in Moodle for assignment details and due dates.

Resources

- All resources will be provided online in the unit.

Resource Reminders

- Don't forget to add resources to your Zotero library that align with your individual learning path.
- Remember, your fellow students are a valuable resource! Engage with your online community for assistance, and don't hesitate to exchange helpful resources and valuable insights.

4.1 Personal Learning Environments

The primary purpose of this topic is to enable you to set up your own Learning 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 TWU learning community with a way to see how you are engaging with the course 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.

So what is a Personal Learning Environment?

‘Personal Learning Environments are systems that help learners take control of and manage their own learning. This includes providing support for learners to set their own learning goals, manage their learning; managing both content and process, communicate with others in the process of learning, and thereby achieve learning goals. A PLE may be composed of one or more sub-systems: As such it may be a desktop application, or composed of one or more web-based services.’ PLE Wiki

A Personal Learning Environment is “a structure and process that helps learners organize the influx of information, resources and interactions that they are faced with on a daily basis into a personalized learning space or experience. In a PLE, the learner develops an individualized digital identity through the perceptual cues and cognitive affordances that the personal learning environment provides, such as what information to share and when, who to share it with, and how to effectively merge formal and informal learning experiences (Castañeda, Cosgrave, Marín, Cronin, 2016) cited in Personal Learning Environments: Research-Based Practices, Frameworks and Challenges.

What elements of the two definitions resonate with you? How do you organize your daily interactions and influx of information? How do you share your learning with others? What are your learning goals?

Activity: What is a PLE?

Before you start building your PLE, read the following article:

- “*7 Things you should know about personal learning environments*”

Questions to Consider

After reading the article, consider the following:

- How do PLEs promote authentic, student-centred learning?
- What are the benefits of a PLE? How would it benefit you?
- What tools do you currently use as part of your learning environment?

Finally, consider the approach taken at TWU as it supports inquiry-rich learning. As you watch the short video below, think about how you could use your PLE to enrich your learning at TWU.

Watch: *Inquiry-Rich Learning*

4.2 Building a Learning Blog

In the next activity, you will gain first hand experience in using blog technology for publishing your own website. You will “declare” yourself online using your PLE (as an alternative to posting an introduction in a closed course forum typically used in a conventional online course). Note that TWU online courses often use Moodle Discussion Forums to facilitate conversations. By using a platform such as Wordpress, you can retain the contents of your posts, as well as the comments of your peers. In an LMS (Learning Management System) such as Moodle, you may lose access to what you have posted in discussions, and more importantly, conversations with your peers. As you create your personal blog in WordPress (or your own selective blog site), you control your data and who can see it.

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 (LDRS101) 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. Please remember that your Learning 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 others. In short, don't say anything that you would not want to read on the Internet.

Activity: Setting Up Your Learning Blog

As this is a course focusing on digital literacies, you are asked to establish a Learning 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. WordPress is an open source website builder and is one of the most popular systems out there because of its versatility. If you already have your own website or you have previous experience using WordPress, you may set up your blog on it and skip the set-up steps described below, but you still need to complete the learning activities.

We are here to help you create your site, so do not hesitate to ask for technical support. Below you will find a number of resources, but if you get stuck, please reach out on Discourse, or email elarning@twu.ca

To get started on creating your site we suggest the following steps:

1. Sign up to create a website

Go to create.twu.ca to sign up for your free WordPress site. *Please read all the prompts and instructions carefully!* Be sure to read the Privacy Statement carefully before clicking “I Agree.” The information provided gives you excellent guidance regarding digital citizenship, privacy, and how to build a professional digital persona.

You will be prompted to **create a domain name**, which is your website’s address on the Internet. Often this is referred to as a URL (Uniform Resource Locator). This is what your users will type in their browsers to reach your site. Make sure that you choose a domain name that is related to you, easy to pronounce and spell, and easy to remember. Once you have done that, we suggest you write all this information somewhere you can access it easily – just in case.

You will also be asked to **select a theme** for your website. You are free to choose any template you wish. TWU Spark, TWU Hope, and TWU Spartans portfolio are simple to set up and provide easy navigation.

When you choose your theme, your new site will come with a simple menu and instructions for portfolio and website creation.

When you have activated your site (look for a notification in your TWU email), then you are ready to create.

2. Explore your dashboard

The dashboard is the initial area you see when you log in to TWU Create. It’s the centre for your site management and where you create content. From the Dashboard you can navigate to content, settings, themes, plugins, and more.

When logged in to TWU Create, you will always have access to an **admin menu** visible on your sites. From the menu item that is the name of the blog (second from left), you can find the link to the dashboard. While in the dashboard, the same menu can be used to return to the front view of your site.

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).

Progress check:

- 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 view of your blog?

Congratulations!! You created your PLE for TWU!

4.3 My Digital Footprint

Now that you have created your Learning Blog and introduced yourself online, let's take a closer look at the information about you available on the internet. Imagine if potential employers were to search for you online. What would they discover, and what would you prefer them to find? As we examine online identities in this topic, we will ask you to consider how you can improve your digital identity in support of your online learning, as well as future employment prospects.

First, let's clarify some key terms.

We need to distinguish between the technical and human elements of online identity. In this course, we are more interested in the human side of online identity, but in part, this is determined by how technology automates the process of building your digital footprint.

Digital identity refers to the information utilized by computer systems to represent external entities, including a person, organization, application, or device. When used to describe an individual, it encompasses a person's compiled information and plays a crucial role in automating access to computer-based services, verifying identity online, and enabling computers to mediate relationships between entities. Digital identity for individuals is an aspect of a person's social identity and can also be referred to as online identity. (Wikipedia: Online).

Digital footprint or digital shadow refers to one's unique set of traceable digital activities, actions, contributions, and communications manifested on the Internet or digital devices. Digital footprints can be classified as either passive or active. The former is composed of a user's web-browsing activity and information stored as cookies. The latter is often released deliberately by a user to share information on websites or social media. While the term usually applies to a person, a digital footprint can also refer to a business, organization or corporation. (Wikipedia:Online).

Activity: What is a Digital Footprint?

Watch the following video and consider the steps you would take to control your digital footprint.

Activity: Who am I Online...and Why Should I Care?

Read the following articles:

- Understanding your Online Identity.
- How To Manage Your Digital Footprint: 20 Tips for Students

Questions to Consider

Consider the following questions:

- How does your real-world identity differ from your online identity?
- What factors inhibit or support the sharing of information in building an online identity?
- What is the value of an online identity for learning?

Reminder: As you view online resources in this course, feel free to annotate and discuss web resources publicly in support of your learning. (Digital Tools: Hypothes.is, Discourse, WordPress, etc.)

In addition to evaluating who you are online, ask yourself, “Why Should I Care?”

First, watch the following video, Four Reasons to Care About Your Digital Footprint

Next, select from these resources to inform your views:

- Students turn to Internet to build online presence, showcase work, published on Huffingtonpost.
- Your Online Presence published by the Open University
- 10 Ways to Build your Online Identity
- UBC’s Digital Tattoo project
- Policy Brief: Privacy from the Internet Society

Finally, consider how much someone could find out about you from your digital footprints. Here’s an interesting video that might cause you to reconsider what you post online.

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.

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. **Reflection:** Share your thoughts 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 or social media 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 X (formerly Twitter) username or Facebook account) with your learning blog? Will you link your professional online identity (e.g. published online biography or resume) with your learning blog?
3. **Objectives:** List a few objectives for developing or improving your online identity.
4. **Tag:** Add a category or tag to your post using the course tag: LDRS101 (This is needed to harvest links to posts from registered blogs for the course feed.)

Remember: You are in charge of what you post online and you decide 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 Get Cyber Safe from the government of Canada.

4.4 Evaluating Online Tools

So far in Unit 4, you have created a Learning Blog in WordPress, explored your social media platforms, and used a range of other tools like Zotero, Hypothes.is, Discourse, Obsidian, and more.

As we step into this new topic, we encourage you to engage in a critical examination of the online tools you use or are interested in. Beyond the basic considerations of functionality and user-friendliness, we invite you to assess digital tools, platforms, and interactions through the lens of ethical principles.

So how do we evaluate technology on ethical principles? Here are some guiding questions from Ethical EdTech:

Guiding Questions

- Where does power lie, and where are we expected to place our trust?
- To whom is it accessible—for instance, in terms of usability and cost?
- Does it lock us into closed, commercial systems or invite us into open communities?
- Does it give us more control over the learning process, or does it cede that control?
- Does it respect and protect our privacy appropriately?
- Can we access, study, and modify the underlying code or design?
- Who owns the infrastructure and our usage data? Does it produce private profit or public commons?

These crucial questions highlight the importance of privacy, data ownership, and accessibility. What other questions would you ask to ensure a tech tool is ethical?

Activity: What Are My Criteria?

Read the following Rubric for Digital Tool Evaluation. Note there are a number of criteria, some that may not apply to the tool you choose to evaluate. In this activity, create your own criteria for evaluating digital tools. Set up a spreadsheet or notepad (in Obsidian for example) and as you list your criteria, consider why that detail is important to you. To help you select your criteria, read the following:

- Privacy policy from the Internet Society
- Ethical EdTech

This next website might be a bit of an eye-opener. You may want to browse through some common tech examples and see their score.

- Terms of service. Didn't read

Finally, read the following questions and consider what you want to add to your rubric considering the context of the tool, the terms of service, and the purpose.

Business Context

- Who owns the tool?
- Who is the tool maker or CEO?
- What are their politics? Does that matter?
- What is the tool's history?
- How do they market themselves?
- How does the company generate revenue?
- What is their market positioning / point of difference?
- Who are the competitors?
- What do others say about the product? Are these sources reliable?

Terms of Service

- What are the terms of service? Are they easy to find?
- What personal data is required to use the tool (username, real names, email, date of birth etc)?
- Who owns the data?
- How is the data protected?
- Where is the data housed?
- What flexibility do users have to be anonymous?

Activity: Evaluate a Digital Tool

In this challenge, you are invited to critically evaluate an online tool.

Step 1: Set Your Goals

As you select the tool you want to evaluate, consider your goals for improving your digital skills.

- What do you want to do or learn online?
- What skills are needed in your academic area and profession?
- What tool would be helpful for you and your peers to know more about?

Step 2: Choose a Tool

Examples of tools:

Please select any online tool, or choose one from the list below.

- *Blogging*: Blogger, WordPress, Medium, Tumblr
- *File sharing*: Dropbox, Nextcloud, MediaFire, Google Drive, SugarSync
- *Presentations*: Haikudeck, Prezi, Google Slides, Slides (using Reveal.js)
- *Online collaboration*: Basecamp, Slack, Rocket.chat, Hipchat
- *Video conferencing*: jitsi, Anymeeting, Zoom, GoToMeeting, Microsoft Teams
- *Feed aggregators*: Feedly, Panada, NewsBlur, Inoreader, Feedreader.
- *Project management*: Trello, Kanboard, Freedcamp, Asana, Notion, GitHub

Step 3: Evaluate the Tool

Use your chosen rubric or guiding questions to complete your review

Step 4: Share Your Insights!

Prepare a blog post (about 450 – 600 words) where you publish a critical review of your selected tool.

Your blog post must:

- State your intended purpose for the tool
- Highlight strengths and weaknesses (Company reputation, software features, terms of service etc.)
- Include hyperlinks to appropriate web pages
- Include references using the APA style if required
- Include if applicable a disclaimer or disclosure, that is whether you have any association with the company or tool that may impact on the review.

Summary

In this unit, you have had the opportunity to learn about your personal learning environment and build your presence on the web using a blog. You've examined your digital footprint and reflected on your online identity - what it is now, and where you want it to be. You've also had an opportunity to evaluate digital tools and their ethical implications, and consider what tools will help you academically and personally. As you continue with the last two units of the course, we want to encourage you to examine your purpose in using technology, as well as how your contributions online can benefit others.

Assessment

Digital Literacy Portfolio

The learning activities in this unit are designed to support you as you build your *Digital Literacy Portfolio*.

Your portfolio will demonstrate how you apply digital tools to support your learning. It measures the following course learning outcomes:

- Create a personalized narrative to document and express your learning process
- Evaluate digital tools, platforms, and interactions based on ethical principles
- Practice evaluative judgment to document your process of learning in complex domains of knowledge

Performance Indicators

I can do the following:

- Maintain a public personal blog as my elearning portfolio.
- Interact constructively with public online learning communities using forums and social media.
- Annotate and discuss web resources publicly in support of my learning.
- Share with my learning peer group recommendations for online resources that I have found to be useful.
- Use citation management software for my personal online resource library.

See the Assessment section in Moodle for instructions, including the grading rubric.

Checking your Learning

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

- Create a personalized narrative to document and express your learning process
- Examine your digital footprint and develop a positive digital online identity
- Evaluate digital tools, platforms, and interactions based on ethical principles
- Critically evaluate the affordances and restraints of digital tools and platforms
- Identify the digital skills needed in your field of study
- Describe how to protect yourself, other students and colleagues, to stay safe in the digital environment
- Practice evaluative judgment to document your process of learning in complex domains of knowledge

Chapter 5

Building a Network of People

Overview

In Unit 5 we engage in academic learning as a digital citizen of the internet. In this unit you will continue to develop a positive digital online identity in support of learning while adhering to best practices for privacy, security and interpersonal communications. We will discuss digital citizenship and how that relates to our personal and professional online identity. You'll have the opportunity to evaluate your social networks and join new online communities, including the TWU Online community. We hope you will take advantage of the opportunities to connect, build your personal and professional learning networks, and share your knowledge.

Topics

This unit is divided into the following topics:

1. Digital Citizenship
2. Online Communities
3. Connecting and Learning through Social Media
4. Joining the TWU Community

Learning Outcomes

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

- Discuss the dimensions of digital citizenship for work and learning in the 21st century and how these differ from the off-line environment
- Outline the rights and responsibilities of a digital citizen
- Explore professional online identity and networking in the field of your choice
- Reflect on the balance between public and private in a digital world
- Evaluate a range of social media, technologies and communities appropriate for supporting learning
- Develop online learning networks to discover and share knowledge, collaborate with others, and become engaged digital global citizens
- Consider how you might connect, thrive, and serve in the TWU learning community

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

- Write your personal definition of a digital citizen.
- Listen to the podcast by Autumn Caines on Digital citizenship.
- Read Nine elements of digital citizenship by Mike Ribble and apply elements to your academic study.
- Explore resources on Digital Rights and Responsibilities and join a discussion on an issue that interests you.
- Explore resources on professional online identity and networking in the field of your choice and reflect on your findings.
- Update your professional online biography and the “About” page of your course blog.
- Map your Social Network and consider the online communities you might join.

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

- **Digital Citizenship Blog**
- **Digital Literacy Portfolio**

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

Resources

- All resources will be provided online in the unit.

Resource Reminders

- Don't forget to add resources to your Zotero library that align with your individual learning path.
- Remember, your fellow students are a valuable resource! Engage with your online community for assistance, and don't hesitate to exchange helpful resources and valuable insights.

5.1 Digital Citizenship

Before attempting to define *digital citizenship*, let's consider the concept of citizenship in its own right. In its simplest form, citizenship refers to the rights, privileges and duties of being a national citizen. However, the concept of being a good citizen encompasses much more, particularly if you think about full engagement as a member of society.

“Citizenship is a status that is bestowed on those who are full members of a community.”

—T.H. Marshall

Activity: Reflecting on Digital Citizenship

If good citizenship means to fulfill your role as citizen, can you think of five things good citizens do? Consider the following questions:

- In a digital world, is loyalty to your country a necessary component of the definition of good citizenship?
- Is education a pre-requisite for good citizenship?
- In a digital world, what does it mean to be a global citizen? Read the Wikipedia article on Global Citizenship Education where learners engage in solving real world problems.
- Has the concept of good citizenship changed over time? In what ways?
- Does citizenship require active community engagement? Read this post by Kristen Mattson, director of a high school library media center: John Dewey Would Hate Your Digital Citizenship Curriculum.
- Why has the concept *digital* been linked with *citizenship* or should we drop the word *digital* and just talk about *good citizenship*?

Write your thoughts in your Reflective Journal (using Obsidian or Word-Press).

Conclude by writing down a description of “digital citizenship” in your own words. (You will need this later for the assessment. It does not need to be a scholarly definition – just your personal thoughts on the concept.)

Defining Digital Citizenship

Defining digital citizenship is not easy because it means different things to different people. It is also a concept which is debated among scholars researching the field.

If you conduct a general search for “digital citizenship” you will find many links referencing resources targeting the school-level, with a focus on safe, skilled and ethical use of online technology. While these aspects are important, for the purposes of this tertiary-level course, we need to explore the concept of digital citizenship in more detail.

Activity: Podcast on Digital Citizenship

In this activity you will listen to a podcast that focuses on the people dimension of digital citizenship.

Meet Autumm Caines, associate director of academic technology from the Center for Excellence in Learning and Teaching at Capital University in a podcast with Bonni Stachowiak.

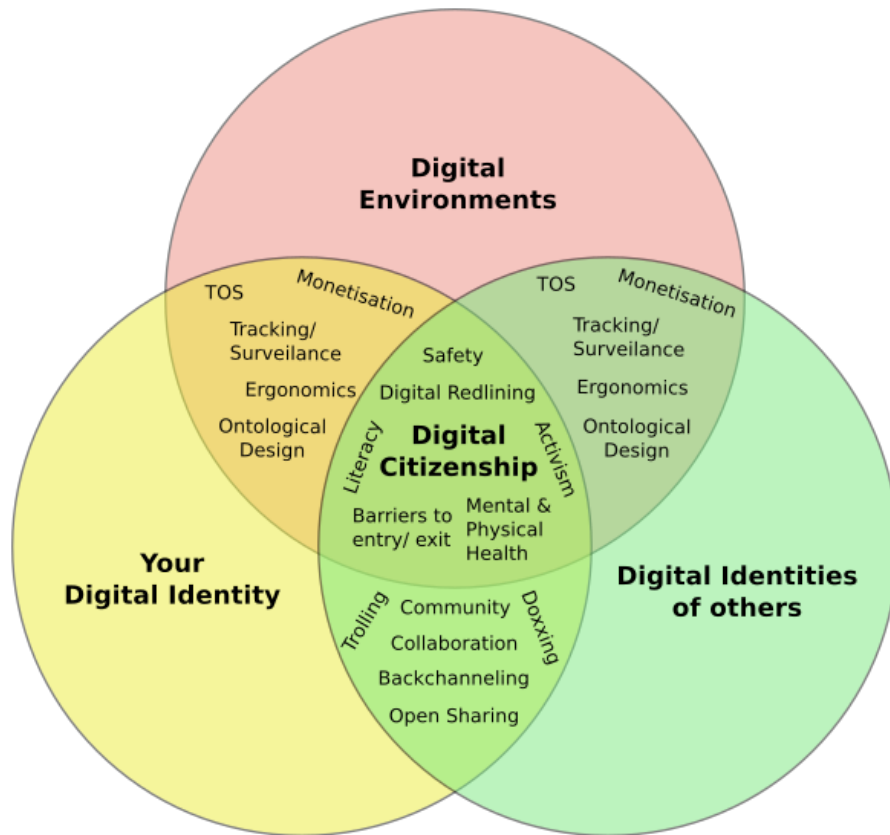
Listen to the first 15–20 minutes of this Teaching in HigherEd podcast on Digital citizenship. The podcast introduces aspects of digital citizenship and the learner experience in starting out with engagement with social media.

Listen: *Digital Citizenship - with Autumm Caines*

Guiding framework

Autumm Caines provides a useful framework for thinking about digital citizenship

1. *Digital identities* that is who you are online including the identities of others (individuals and organisations).
2. *Digital environments*, specifically the tools and online spaces we use to interact with each other. (For example Facebook, Discourse, X, Blogs, Forums etc.).
3. *Interactions* between these identities and environments.



Activity: Refined Definition of Digital Citizenship

The purpose of this activity is to explore the elements of digital citizenship with particular emphasis on those relevant to your academic study.

Read through the following resources in order to refine your own definition of what it means to be a Digital Citizen.

Step 1: Online Search:

- Read the introductory section of the Wikipedia article: Digital citizen
- Conduct a general search for “definition of digital citizen.” Choose the two best definitions and add these to the library of your citation management tool (Hypothes.is / Zotero / Obsidian), or keep a record for citation purposes.
- Try and locate one recent scholarly definition for “digital citizen.” Record the reference for citation purposes. How recent is the reference?

Step 2: Social Media Search:

- Explore the recent tweets (on X or whichever social media app you prefer) using the following hashtags: #digitalcitizenship, #digi-ciz, and #digicit. Compile a list of elements relating to the concept of digital citizenship.

Step 3: Read & Comment:

- Login to hypothes.is.
- Read Nine elements of digital citizenship by Mike Ribble
- Feel free to add or reply to annotations using Hypothes.is. Remember to tag your posts using the course code: #LDRS101 (This is needed to harvest posts for the course feed.)

Step 4: Apply the Elements Generate a table listing the nine elements of digital citizenship and identify a practical example of the element for your academic study: For example:

Element	Academic Study Example
Digital access	Students from low income countries may not have reliable or affordable access to the Internet.
Digital commerce	
Digital communication	
Digital literacy	
Digital etiquette	
Digital law	
Digital rights and responsibilities	
Digital health and wellness	
Digital security	

Step 5: Define Digital Citizenship After completing the steps above, revise your personal description of digital citizenship. Does your new definition differ from your initial description?

Rights and Responsibilities

The concept of citizenship encompasses the rights and responsibilities of individuals. We need to consider what rights and responsibilities come with digital citizenship. In this mini challenge, we explore this topic with particular emphasis on the rights and responsibilities associated with learning in a digital age.

Following the hype of massive open online courses (MOOC) and the New York Times declaring 2012 the “year of the MOOC,” a small group of educators drafted “A Bill of Rights and Principles for Learning in a Digital Age.” This document forms the basis for a course discussion on the rights and responsibilities of digital citizens.

Activity: Rights & Responsibilities of Digital Citizens

1. **Search:** Conduct a general search for rights and responsibilities of digital citizenship to assist in refining your own list for university online study. Your search is likely to generate many results developed for the school sector, so you need to evaluate if these rights and responsibilities are appropriate for you.
 - Udacity version of the bill of rights: A Bill of Rights and Principles for Learning in the Digital Age
 - ‘Bill of Rights’ Seeks to Protect Students’ Interests as Online Learning Rapidly Expands, from the Chronicle of Higher Education.
 - Critique of ‘Bill of Rights and Principles for Learning in the Digital Age’ from Inside Higher Ed.
 - Conduct a search through the TWU library for Digital Rights and Responsibilities

Remember to annotate and comment on the Hypothes.is and tag your contributions using the course code: #LDRS101

2. **Blog:** Prepare a table summarising the primary rights and responsibilities for university learning in a digital age.
3. **Discuss:** Drawing on your knowledge and experience, please join the discussion on Discourse regarding rights and responsibilities for learning in a digital age at TWU. You can discuss the topical issues listed below, or add new ones to the forum. In each case, justify your position taking opposing views into account.

Topical Issues

- Should higher education institutions have the right to determine what software applications learners should use for their studies?
- Data generated by learners belongs to the learners, therefore should they have the right to access their data (for example forum discussion contributions) even after the course has completed?
- Should higher education institutions reserve the right to ban disruptive learners from their learning platforms?
- Where legally permissible, should learners have the right to access all course materials without the need to register a password?
- Should higher education institutions have the right to limit the time required for completing a course?
- Others?

We encourage you to reply and “like” good posts on Discourse. (Remember to tag your posts using the course code: LDRS101).

Personal and Professional Identity

In short, digital citizenship is about being a person on the web. In the previous unit on building your online presence, we noted that individuals portray different personas online, for example personal, academic and professional.

On the one hand, we need to be careful about what we post online because this can have a negative impact on future career prospects or current employment. We must also be cognisant of the different limitations that different careers place on what can be shared publicly and what needs to stay private. On the other hand, building a strong learning or professional network online is very powerful in staying up to date with new trends and establishing connections with your peers.

In this section, we reflect on the balance between public and private in a digital world, recognising that this is going to be different for each person depending on their own environments and professional circumstances. We will also explore how like-minded professionals in your field of interest network online.

“The impact exercised by ICTs is due to at least four major transformations: the blurring of the distinction between reality and virtuality; the blurring of the distinction between human, machine and nature; the reversal from information scarcity to information abundance; and the shift from the primacy of stand-alone things, properties, and binary relations, to the primacy of interactions, processes and networks.”

—- **Luciano Floridi**

Activity: Professional Online Identity and Digital Citizenship

In this activity we will explore professional online identity and networking in the field of your choice.

First, scan a few of the following resources:

- High court rules public servants can be sacked for political social media posts, published by The Guardian.
- 'Think of social media as a virtual resumé,' expert warns in light of health board resignation, published by CBC News.
- You can also search online using the terms “fired over tweet” or “social media firing cases”.

Next, watch this short video interview with Alec Couros, published by Teaching and Learning in South Australia. Alec summarises how educators are using twitter to connect professionally.

Watch: *Using Twitter effectively in education - with Alec Couros*

Finally, visit the LinkedIn help page on finding and joining a LinkedIn group.

Questions to Consider

After completing the activities above, answer the following questions:

- How do like-minded professionals in your career or future career, field, discipline etc. network online (for example X, LinkedIn groups, other websites?)?
- What hashtags, if any, are being used for conversations in your chosen field?
- What are the topical areas of discussion at the moment?
- How could your field of interest improve professional networking online?
- Do organisations in your field place restrictions on employees participating in social networks? (See for example Corporate Social Media Policies: The Good, the Mediocre, and the Ugly, and More Social Media Policies: LA Times, Harvard Law, Microsoft, and Cisco.)

Activity: Blog: Professional online identity and digital citizenship

Prepare a short blog post (about 300 – 400 words) summarising your findings on professional online networking in your field of interest. Consider the following questions:

- How do like-minded professionals in your field network online and what do they talk about?
- What does this mean for your online identity and being a digital citizen?

Remember to add a category or tag for your post using the course tag: LDRS101.

Activity: Blog: My Online Biography

In this challenge you are asked to build or update your professional online biography and the “About” page of your course blog.

1. Reflect on the following online personas, target audience and how this will impact on the style and voice of the communication medium.

Persona	Primary audience
Personal	Friends and family
Professional	(Future) Employers and professional network
Academic	Peer learning network

2. Choose the most appropriate medium for each of your online personas, for example:

Persona	Medium example
Personal	Facebook
Professional	Linkedin
Academic	Learning blog or website

3. Identify one or two professionals from your field of interest who maintain an active web presence and contribute regularly via social media. Explore their respective websites and professional listings as examples.
 - X (formerly Twitter) is a good place to search for individuals using popular hashtags from your field or area of study, for example “#highereducation”.
 - Click through to their respective X user page. If they have a personal website listed on the user page, visit the site and review their “About” page.
 - Visit their employer’s page and try to locate their biography on the employer’s website.
 - Search for the user on LinkedIn
 - Compare the user information on these different sites. Observe how they link to social media accounts, and vary the style and content presented for the different personas.
4. Create or update your professional profile on LinkedIn.
 - Consult TWU’s Student Resources website about LinkedIn.) TWU gives you access to LinkedIn Learning, which includes several great courses and videos, such as Rock Your LinkedIn Profile.
5. Create or update your “About” page on your Learning Blog. You may prefer using a more informal style for this page aligned with

5.2 Online Communities

In this section we explore the topic of online communities and how we can engage in social media to enhance our learning.

In the early years of the internet, there was a strong research interest in studying the differences between virtual and real communities. However, in more recent years, we have observed a blurring of the boundaries between online and real communities. In *The difference between online & real life community?* Alison Michalk states:

Community boundaries are blurred to the extent that the Internet is nothing more than a conduit for communication. The Internet is now just another tool that we use to communicate within our various communities. The same as we use mail, telephone and even a car to keep in touch with our friends, family and colleagues. Our ‘real life communities’ are not mutually exclusive from our ‘online communities’ given that it all comes down to implied physical presence. (2013, June 27)

So how do we join and contribute constructively to these digital communities? If you don’t have much experience with online communities, we encourage you to participate in the course forums and become an active member of the TWU online learning community.

Research on Online Communities

Research on the efficacy of online communities provides insights on selecting productive communities and how to engage. Community contributors can be classified into three types (Mocus et al 2002):

1. *Core members* are responsible for guiding the development of the community and have usually been involved with the community for a long time. These members have made significant contributions to the community’s evolution and have earned leadership status. Frequently they also play an active role in moderation of the group.
2. *Active members* make regular contributions to the community.
3. *Peripheral members* occasionally contribute to the discussions and the periods of engagement are short and sporadic. “Lurkers”, that is individuals seeking answers without making contributions, are normally associated with this group.
The nature of engagement in a community is influenced by the community’s life cycle stage (A. Iriberry and G. Leroy 2009):

Life cycle stage	Characteristics
Inception stage	Focus is on determining the purpose, codes of conduct, funding and sustainability.
Creation stage	User-centred design and evolution including issues of privacy, anonymity, open versus closed communications.
Growth stage	Focus is on community building, for example: recruiting members, growth management, integrating new members, trust building, up-to-date content, interaction support, a few offline and online events and meetings.
Maturity stage	By this stage a community culture will have emerged with identifiable community leaders. Focus shifts to permeated management and control, recognition of contributions, recognition of loyalty, member satisfaction management and subgroup management.

Additional factors identified by the research to keep in mind include:

- *Network cohesion*, that is the overall level of connections indicated by the network density has a positive impact on the core group as well as the success of the community (Toral et al 2010).
- *Network structure*. Successful communities need a critical mass of contributors, however there is no fixed number that determines success. Most communities can expect between 45 – 90% of non-active members, but communities with a strong and experienced core group will have a positive impact on success (Toral et al 2010[3]). Moreover, the positive effects of network structure on participation persist irrespective of the life cycle stage of the community, and activity participation influences network structure (Igl 2014[4]).
- *Centralization*. Communities with a high degree of centralisation and control exerts a negative impact on all participation variables. (Igl 2014).

Practical implications

There are many online communities, and it will be worth your effort in doing a little online research to determine the network cohesion and network structure of the community. You will be able to determine this by reviewing the archive history. Avoid communities with overly centralised control, in the long run, they are not likely to be productive.

When joining an online community, try to identify the life cycle stage by scanning the archive of posts. Young communities are likely to be more tolerant of newbie questions, as responses to these questions will provide support resources for new members in the future. It's a good idea to search the forum for

your answer before posting a question. Don't be surprised if newbie questions go answered in mature communities, they may even attract curt rebuttals. If you're a long standing member of the community, post a tactful reply, for example, "Your question has already been answered" and post a link to the appropriate reply.

The best advice when joining a new community is to lurk for a while before introducing yourself so that you can become familiar with the culture and practices of the community. Fill out your profile page on the forum site, rather than posting a biography in the main discussion threads. Of course, if the community is in the creation phase, you may want to play a more active role in building the community and becoming part of the core contributors.

Communities of Practice

As you continue to reflect on your social network and consider other learning networks to join for personal or professional growth, we want to present another framing of an online community called a *Community of Practice*.

A community of practice (CoP) is a group of people who *"share a concern or a passion for something they do and learn how to do it better as they interact regularly"*.

– **Wenger, 2014**

Cognitive anthropologists Jean Lave and Etienne Wenger coined the term "community of practice" when studying apprenticeships as a learning model—the term referred to the community that acts as a living curriculum. Once the concept was articulated the researchers started to see communities everywhere, even when no formal apprenticeship system existed.

The basic premise behind communities of practice is simple: we all learn in everyday life from the communities in which we find ourselves. Communities of practice are everywhere. Nearly everyone belongs to some community of practice, whether it is through our working colleagues or associates, our profession or trade, or our leisure interests, such as a book club. Wenger (2000) argues that a community of practice is different from a community of interest or a geographical community in that it involves a shared practice: ways of doing things that are shared to some significant extent among members.

Characteristics of A Community of Practice

Wenger argues that there are three crucial characteristics of a community of practice:

1. **Domain:** A common interest that connects and holds together the community;
2. **Community:** A community is bound by the shared activities they pursue (for example, meetings, discussions) around their common domain;
3. **Practice:** Members of a community of practice are practitioners; what they do informs their participation in the community; and what they learn from the community affects what they do.

Wenger (2000) has argued that although individuals learn through participation in a community of practice, more important is the generation of newer or deeper levels of knowledge through the sum of the group activity. If the community of practice is centered around business processes, for instance, this can be of considerable benefit to an organization.

Types of Communities of Practice

Today, communities of practices are increasingly being used to improve knowledge management and connect people within business, government, education, and other organizations.

The design of the community will look different depending on the purpose and needs of the participants. There are four basic types of communities:

1. **Helping Communities** provide a forum for community members to help each other with everyday work needs.
2. **Best Practice Communities** develop and disseminate best practices, guidelines, and strategies for their members' use.
3. **Knowledge Stewarding Communities** organize, manage, and steward a body of knowledge from which community members can draw.
4. **Innovation Communities** create breakthrough ideas, new knowledge, and new practices.

As you reflect on digital practices in university and the workplace, consider how engaging in a Community of Practice could benefit you as a learner and in your future career.

Activity: What Is a Community of Practice?

Watch the video, *Communities of Practice* (Etienne and Beverly Wenger-Trayner)

To learn more about the origins and theory of communities of practice, see Introduction to communities of practice.

Feel free to discuss your topics of interest in TWU Discourse, or search online for CoPs that interest you.

5.3 Connecting and Learning through Social Media

Activity: Mapping My Social Network

Online communities are varied and can be categorized by their purpose: social, academic, professional, etc. For this activity, we encourage you to consider what your purpose is in building an online community.

1. What are your goals?
 - Do you want to connect with TWU peers internationally and in Canada? Is your focus on academic support, or building personal relationships?
 - Are you interested in the communities that relate to your chosen profession? If so, do a quick search for online communities for a career that interests you (see example for businesses: 15 Best Online Community Platforms of 2023 (Ranked)).
 - Do you want to engage with online communities that align with your personal interests? (e.g. sports, arts, politics, gardening, coding, etc.)

Write down your goals for joining an online community.

2. Next, consider the networks you are currently a part of. You may want to refer back to Unit 1 in which you created a Personal Learning Network map.

Now, with a focus on networking, create your own Social Map. See the following example from Brian Solis, a digital analyst, anthropologist and author.

Brian Solis Online - Social Map flickr photo by The Brian Solis shared under a Creative Commons (BY) license

3. Finally, **reflect** on the social media technologies you use for learning and how this impacts on your digital footprint and online identity.

Activity: Social Media for Connecting and Learning

In this activity we will explore how social media can support online learning and engagement.

1. **Read** the following articles:

- Using Social Media for Learning from Sheffield Hallam University.
- The Potential of Collaborative Intelligence for Social Media and Online Communities by Marcin Frąckiewicz.

2. **Watch** Building More Creative Social Networks

2. **Explore:** The Conversation Prism developed by Brian Solis.

Also refer to the graphic below listing numerous apps for listening, learning, and adapting. (*Click on the graphic to enlarge.*)

Conversation Prism 4 flickr photo by SolucionaFacil.es shared under a Creative Commons (BY-ND) license

Feel free to annotate the articles you read, or reply to annotations using Hypothes.is. Remember to tag your posts using the course code: LDRS101.

Activity: Social Media, Online Identity, and Learning

Join the Discourse discussion forum on social media, online identity and learning by sharing your personal views and thoughts. Choose one or more of the following questions as a catalyst for your contributions to the forum:

- How much of what you learn should be open and transparent (i.e. public) and how much should be kept private? Why?
- In a digital age, how important is it for you to build a digital footprint of your learning?
- What are the challenges and opportunities for building your online identity?
- What levels of online engagement do you feel are appropriate for your own learning on this course? Does this differ from your engagement in other online communities?
- Other?

Please “like”, share and reply to posts. These are forms of engagement and a contribution to your online learning identity. Remember to tag your posts using the course code: LDRS101

5.4 Connecting to the TWU Community

Our final topic focuses on the TWU community and how you can participate both online and on campus. As a TWU student you have the opportunity to connect with a diverse student body, faculty and staff. What role does technology play in how you communicate with your peers, collaborate on projects, and build relationships?

In this unit we have discussed what it means to be a digital citizen, and how we can engage with online communities. How does this apply to you as a TWU student? As we wrap up this unit, we encourage you to reflect on your personal and academic goals and how you can engage with the TWU community.

Activity: TWU's Learning Community

Take a moment to re-read the course description for this course:

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.

Next, focus on two key course learning outcomes:

- Develop personal and professional learning networks to discover and share knowledge, collaborate with others, and become engaged digital global citizens.
- Create inclusive digital communities which embody a sense of belonging, connection, and Christian hospitality.

Finally, take a look at Trinity's Life at TWU website.

We invite all TWU students to connect, thrive, and serve in a dynamic, Christ-centred learning community where they can develop as maturing disciples, thoughtful global citizens, and compassionate servant leaders. *Experience life and learning here.*

How might you connect, thrive, and serve through your connections and contributions online, as well as on campus?

What experiences have you had so far in connecting with your peers and getting to know the TWU community? If you have not participated in the engagement opportunities presented in this course (Discourse, WordPress blog), take the time now to connect!

In your Reflective Journal (Obsidian) jot down your responses to the following questions:

- What are your personal and academic goals for making connections at TWU?
- What steps will you take to make those connections?
- What technology or digital skills will you need to fully engage?
- How can connecting to the TWU community enhance your understanding of digital citizenship and online networking?

Summary

In this unit, you have had the opportunity to learn about what it means to be a digital citizen, including the rights and responsibilities we should abide by. You have had the opportunity to explore and connect with an online community and have reflected on your personal and academic goals for networking. Finally, you have considered your role as a TWU student and how you might build connections with peers, faculty and staff - both online and on campus. As we move on to our final unit, consider how you might share your knowledge online and create an inclusive digital community.

Assessment

Digital Citizenship Blog

After completing this unit, including the learning activities, you are asked to prepare a learning reflection based on the knowledge you have gained on the concept of digital citizenship.

This learning challenge is based on the learning activities in Units 4 and 5. You are encouraged to complete this assignment on your blog. Note that you can control the privacy settings of each post (e.g. so only your instructor can see it, or for the TWU community, or open access for all).

Prepare a learning reflection of about 500–600 words reflecting on the development of your understanding of digital citizenship.

Task 1: Develop a positive online identity appropriate for a professional or formal learning community

Task 2: Review a digital online tool, including considerations for security, privacy and learning in a digital age

Task 3: Produce an editorial documenting a contemporary societal issue on the internet and its implications for interpersonal communications

Task 4: Assess your learning as a reflective digital online learner

In your Reflective post, provide the following:

- your personal description of digital citizenship;
- your revised definition of digital citizenship based on your research of the topic;
- list of university-level study examples of the elements of digital citizenship;
- a summary of the primary rights and responsibilities for learning in a digital age;

(need to add more) To help you structure your writing, see the following video on Reflective Writing

Your post should cover the following aspects:

D: Describe what happened. What was a highlight from our discussion on digital citizenship?

I: Interpret the events. How did it make you feel? What was “good” and “bad” about the experience?

E: Evaluate the effectiveness. What did you learn from it? How beneficial or useful was this discussion?

P: Plan for the future. What new knowledge or skills do you have and how will your experience inform future learning?

Add a category or tag for your post using the course tag: ldrs101. Post a comment on one or two blog contributions.

Checking your Learning

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

- Discuss the dimensions of digital citizenship for work and learning in the 21st century and how these differ from the off-line environment
- Outline the rights and responsibilities of a digital citizen
- Explore professional online identity and networking in the field of your choice
- Reflect on the balance between public and private in a digital world
- Evaluate a range of social media, technologies and communities appropriate for supporting learning
- Develop online learning networks to discover and share knowledge, collaborate with others, and become engaged digital global citizens
- Consider how you might connect, thrive, and serve in the TWU learning community

Chapter 6

Sharing Your Knowledge

Overview

Congratulations! You've made it to the final unit in our course, Learning with Technology.

Topics

This unit is divided into the following topics:

1. Learning with Technology at TWU
2. Digital Practices in the Workplace
3. Societal Issues and the Internet
4. Digital Wisdom

Learning Outcomes

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

- Discuss how technology has changed business practices in your field of interest or career.
- Utilize technology to discover and share knowledge, collaborate with others, and become engaged digital global citizens

- Describe societal issues and problematic online behaviours which have emerged in the digital world and how to deal with these challenges in an ethical manner

Create inclusive digital communities which embody a sense of belonging, connection, and Christian hospitality.

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

- ...
- ...

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.

6.1 Learning with Technology at TWU

6.2 Digital Practices in Academia and the Workplace

In this topic we consider how changes in technology have and will continue to impact digital practices in the workplace. Pause and consider the following questions:

- How do professionals in your field of interest network online?
- How has technology changed business practices in your field of interest or career?
- What are the implications for learning and skills development in your future career precipitated by changes in digital technology?

Activity: The Future of Work

In this short video, Ken Steele from Eduvation speculates about the future of the labour market and the value of higher education in a digital age.

Watch Higher Ed Trends: Student Career Anxiety and the Future of Work

What do you think? Share your thoughts by posting a comment on Discourse, for example:

Higher ed is valuable because ... - In a digital age ... - I am confident that ... - I am concerned about ...

Technology and Change

Throughout history, there are technologies which have influenced change in society. Consider for example, the invention of the steam engine and its contribution to the Industrial Revolution. In more recent times, the advent of digital photography displaced Kodachrome (at one time, the market leader in colour film sales) which ceased production in 2009.

Activity: Newspaper and Music Industry in a Digital Age

The readings which follow take a retrospective look at the impact of the Internet on the newspaper and music industries.

Please add or reply to annotations using Hypothes.is sharing personal insights and experiences. Remember to tag your posts using the course code: LDRS101.

1. Read Chapter 3 of Weller, M. (2011). *The Digital Scholar: How Technology is Changing Academic Practice*. Bloomsbury Publishing PLC. (Direct hypothes.is link.)
2. Read: How streaming saved the music industry, published by the Guardian. (Direct hypothes.is link.)
3. Read: The future of newspapers in the digital age, published by Julien Sueres. (Direct hypothes.is link.)

Activity: Impact of Digital Technology on Business

Join the discussion on the impact of digital technology on business:

1. Choose any business or work environment (for example, your current career or future career)
2. Think about examples of how digital technology has had an impact on your chosen business over the last 30 years.
3. State your business or work environment and share a practical example of how digital technology has influenced change in your chosen area:
 - Has the example contributed to a fundamental change in the way things were done, or is this a minor change?
 - Do you anticipate significant changes in your industry as a result of digital technology in the future? Provide an example.

Please “Like”, share and reply to posts. These are forms of engagement and a contribution to your online learning identity. Remember to tag your posts using the course code: LDRS101.

Artificial Intelligence

Artificial intelligence (AI) is predicted to have a significant impact on society and business. Examples include, autonomous cars, computers understanding human speech and machine learning. Consider for instance, that computer chess games available for commercial desktop machines have the ability to beat accomplished chess players including grand masters. And of course, Chat GPT.

In this section we introduce a few interesting examples of artificial intelligence to provide a sense of how sophisticated these technologies are becoming.

First, let's define AI:

“The theory and development of computer systems able to perform tasks normally requiring human intelligence, such as visual perception, speech recognition, decision-making, and translation between languages” (Oxford Reference)

“The capacity of a computer to perform operations analogous to learning and decision making in humans, as by an expert system, a program for CAD or CAM, or a program for the perception and recognition of shapes in computer vision systems” (Dictionary.com)

What is your experience with AI? Have you used an AI tool, such as Grammarly or ChatGPT? How has this technology affected you as a student, and what effect do you think it has/will have on your chosen profession?

In the next activity, we'll explore some of these questions and concerns.

Activity: How Can I Use AI as a Student?

First, do a quick search online for AI tools for university students. Examples: - How can AI be used by university students?

- The 10 Best AI Tools to Help Students Learn Faster

Intrigued? Do you find any tech tools that you might use to help you with understanding course topics, studying, generating flashcards, transcribing lectures and voice notes, grammar, writing an essay, creating a slideshow presentation, drafting a forum discussion post, etc.?

Do any of these capabilities concern you? Do you think they concern your professors or fellow students?

Review TWU's policy on Academic Misconduct & Fraud.

Search online for key words related to this issue, such as "university concern policy artificial intelligence" and you will find numerous articles on the use of AI in universities, as well as emerging policies. For example, the University of Toronto's guidelines for ChatGPT and Generative AI in the Classroom

Here is one more article that discusses the pros and cons for English Learners using AI in their studies: Perspectives of the Use of ChatGPT as a Tool for Online Education of English

Jobs and Automation

In this section we consider the impact of automation on the future job market and the implications for education and training. Consider:

- Will robots replace humans?
- What jobs are most at risk of being replaced by robots?
- What are the implications for learning in a digital age?

Activity: Impact of Automation & AI in the Workplace

First, read Collaborative Intelligence: Humans and AI Are Joining Forces from Harvard Business Review.

Next, watch *Humans Need Not Apply*

Finally, read [The Potential of Collaborative Intelligence for Social Media and Online Communities] by Marcin Frackiewicz.

Consider your chosen field of study. How can AI benefit your industry?

Are there any concerns regarding how AI might be used?

Share you thoughts on AI by posting a comment on Discourse, for example:

- AI will ...
- I was surprised that AI ...
- In AI will ...

Activity:

Watch/read...

Questions to Consider

After completing the activities above, answer the following questions:

- ...

6.3 Topic

content

Activity:

Watch/read...

Questions to Consider

After completing the activities above, answer the following questions:

- ...

6.4 Topic

Digital Rights Management

In a digital world, you may not have the full ownership rights you expect, or are accustomed to receiving in the physical world, when you buy digital content, resources, and equipment. In this section we explore digital rights management, geoblocking, and other examples. We highlight the importance users have to study the terms of reference and licenses when using proprietary software and buying products that rely on digital technology.

Mini Challenge Summary

Summary: Explore and discuss the impact of digital rights management. Time: 30–45 minutes. Consult the suggested resources and participate in the digital rights management debate.

John Deere 9530 c.jpg

Digital Rights Management (DRM): Digital rights management (DRM) describes the practice of imposing technical restrictions (hardware or software) to restrict what users can do with the digital content or operation of their equipment.

Examples include:

- Film studios that embed software on their DVDs that restricts the number of copies a legal user can make to two.
- Computer games that restrict the number of devices on which the game can be installed requiring server authentication to keep track of the number of installations.
- e-Book publishers who restrict the ability to copy or print the materials.

Reading

- Layton, J. (Jan. 3, 2006). How Digital Rights Management Works. Retrieved July 4, 2017. (Click on the next button to progress the sub-pages of the article.)

Geoblocking: Geoblocking is a form of DRM which restricts access to content based on geographical location; for example, restrictions associated with media rights for sport coverage or films in different parts of the world because copyright holders sell broadcast and distribution rights to different companies around the world. Frequently, prices for streamed services of the same content will differ from country to country.

In another example, an individual who buys DVD films in one country and then emigrates to another country, may find that the playback of the legally purchased content is restricted by technology means in the new country of residence.

Reading

Geoblocking from Wikipedia;

EU lawmakers Include Spotify and iTunes in Geoblocking Ban from Reuters.

Case study - The Right to Repair

Do farmers have the right to repair their own tractors? Not necessarily, for example, John Deere's proprietary software used to operate the vehicle does not allow "owners" to repair systems themselves and in effect they only have an implied license for life to operate the vehicle.

Readings

Choose one or two of the following readings (feel free to annotate using Hypothes.is and remember to tag your posts using the course code: lida102):

- We Can't Let John Deere Destroy the Very Idea of Ownership from Wired.
- Why American Farmers are Hacking their own Tractors from the Guardian
- A Right to Repair: Why Nebraska Farmers are Taking on John Deere and Apple from the Guardian.
- The Fight for the "Right to Repair" from Smithsonian.com.
- Outputs

Digital Rights Management Debate

- Seeing both sides of a debate gives you the opportunity to better understand the issues. In this discussion, choose one of

the questions listed below and post to the DRM debate. Your post should include:

- A sentence summarizing the issue.
- The most important reason, in your opinion, why DRM is appropriate in a digital world.
- The most important reason, in your opinion, why DRM is not appropriate in a digital world.

Questions to Consider (optional)

- Do you have personal experience of a DRM issue? Summarize the example and present both sides of the issue.
- Do you have personal experience of a geoblocking issue? Summarize the example and present both sides of the issue.
- Should owners of equipment have the right to repair? Summarize the example and present both sides of the issue.

Societal Issues and the Internet

Abstract crowd.jpg

In this subunit, we introduce a number of societal issues and problematic online behaviors that have emerged in the digital world. Our list is not comprehensive and does not provide a thorough examination of the issues. Here, we encourage you to choose an issue for further investigation.

You will choose one societal issue or antisocial behavior associated with the Internet that you would like to investigate further and publish as an editorial in your course blog. You will base your focus on your reading of open access resources you find online. Your blog post will also help you build your online identity.

6.5 Societal Issues and the Internet

In the final topic of this unit we introduce a number of societal issues and problematic online behaviours which have emerged in the digital world.

This is by no means a comprehensive list or a thorough examination of the respective issues. The selected issues are provided as a stimulus to help you choose an issue for further investigation.

Activity: Quiz: Problematic Online Behaviours

To test your knowledge of concepts associated with problematic behaviours online, we provide a short orientation quiz below. Once you have attempted your first answer, and in the event that you are not familiar or not sure what the alternatives mean, click on the options to find out more about the concept.

Next, take the Spot the Troll quiz developed by the Clemson University Media Forensics Hub which uses images of real social media content.

How did you do with the quizzes? Have you encountered any of these behaviours online? Share your thoughts by posting a comment on Discourse.

Activity: The True Cost of Free Websites

Watch this Matrix parody, a comedy skit published by CollegeHumour, depicting that if you are not paying for the service, you are not the consumer but the product. (Do you think this is a valid and reliable source for the topic?) The Terrifying Cost of “Free” Websites | Adam Ruins Everything

Select one or more stimulus resources below:

Read: Stop Saying ‘If You’re Not Paying, You’re The Product’ Read: Krutka, D.G., Smits, R.M., and Willhelm, T.A. (2021) Don’t Be Evil: Should We Use Google in Schools? TechTrends. Association for Educational Communications & Technology.

Corporate sponsored scientific research

- Read the Wikipedia article on funding bias
- Read: Lundh, A., Krogsbøll, L. T., & Gøtzsche, P. C. (2012). Sponsors’ participation in conduct and reporting of industry trials: a descriptive study. *Trials*, 13(1), 146.
- Read the Wikipedia article on ad blocking

After viewing this resources, what do you think the cost of free websites is?

Please share your thoughts on Discourse and/or use Hypothes.is to annotate and share your comments.

Activity: Forum: Philanthropy and corporate advertising

Read the following case study:

The OERu is a charitable organisation which provides open online courses for free, using open educational resources which any educational institution can adopt, modify and reuse. There are costs that need to be covered to sustain the OERu: for example, the assembly of open online courses, hosting of the server and software infrastructure, staff to coordinate and support the initiative. etc. The OERu does not generate any revenue from corporate services, by, for example, allowing advertising on the OERu course sites for a share of the advertising revenue. Moreover, the OERu does not sell or generate revenue from personal data learners provide by using these free learning services, therefore users are not the product of this service.

Discussion

Join the discussion on philanthropy and corporate advertising. The key question is how can non-profit organisations sustain free educational services for those who can't afford traditional education provision?

Consider the following issues:

- As a learner, how would you feel if the course materials included corporate advertising? If advertising were to be supported, how would you feel if the OERu course sites required you to switch off any ad-blockers before gaining access to the course materials?
- Is it appropriate for publicly funded institutions and charities working in education to generate revenue from corporate advertising to support and sustain free online services? What are the risks and opportunities?
- Should education institutions and educational charities accept significant corporate sponsorship in return for profiling proprietary products?
- The OERu has recommended that learners use free blogging services to share their learning outputs. Many of these services carry advertising. How do you feel about using these services – being the product rather than consumer? Would it be better for OERu to recommend that learners use a paid service without advertising? How would this impact on learners who do not have sufficient funds to afford maintaining a domain of their own?
- Other?

Remember to tag your posts using the course code: LDRS101

Net Neutrality

“The Web as I envisaged it, we have not seen it yet. The future is still so much bigger than the past.”

— *Tim Berners-Lee*

The World Wide Web was originally designed to provide universal access to a large universe of documents. To achieve universal access, it was paramount to design the web as an open system without a central locus of control. However, on the Internet there are an increasing number of “walled gardens” that aim to control user’s access to content and services. In this section we explore the concept of net neutrality and reflect on the risks associated with universal access to online information.

Activity: The Meaning of Net Neutrality

Watch Net Neutrality Explained

This video was produced in 2015, where the main concern of net neutrality seemed to relate to companies controlling our access to information on the internet. Notice around the 2 minute mark where opposing political parties are supported/blamed for their view on the topic.)

Fast forward to 2023 where the concern is now government oversight in what information we see.

This issue is highly controversial and politisized. If you are interested in exploring the topic...which means encountering diverse views on the subject, then read on! As we learn with technology in this course and in life, we need to critically evaluate the information available on the internet and whether there are any restrictions on information that would help us as citizens to make informed decisions.

If interested, peruse the following resources. **Trigger alert!** These perspective range from liberal to conservative points of view. This course aims to promote critical thinking of what we consume and produce online. Refer back to the video Building More Creative Social Networks. Will encountering an opposing point of view contribute to your understanding of an issue?

Let's dig in to some points on net neutrality!

Facebook Zero: Am Attempt to Bring Access to All?

Consider the following case study:

"Facebook Zero is an application for mobile devices and business agreements with a number of companies to provide access to selected internet services without incurring data charges targeting markets where internet access may be less affordable. Facebook Zero is part of internet.org set up by Facebook and the basic websites than can be accessed for free without data charges are determined by the initiative."

...and then some criticism:

"Facebook Zero became controversial in some countries due to several issues such as net neutrality.[9] For instance, India's Telecom Regulatory Authority (TRAI) bans zero-rated services on account of "discriminatory tariffs for data services on the basis of content".[13] A criticism also stated that Facebook is practicing digital colonialism because it is not introducing open internet but building a "little web that turns the user into a mostly passive consumer of mostly western corporate content".[11]"

Is the Internet Neutral in Canada?

Search online for various views on this topic. Here are a couple to get you started:

Bill C-18: The fallout over Google, Meta's plans to block news links in Canada

Debating Bill C-11—Internet Censorship for Canadians

search for "Canada's New Regulations for Podcasts"

Is the Internet Neutral in America?

Net Neutrality is BACK! FCC tries to take away internet freedom AGAIN! from Redacted w Clayton Morris

Poillievre: Warned about Justin Trudeau's online censorship law | Latest News | WION

Is the Internet Neutral in Africa?

Will the Internet in Africa be a 'little web' for the continent?

Activity: Is there Net Neutrality Today?

Activity: Forum: Philanthropy and corporate advertising

Activity:

Activity:

Activity:

Activity:

Activity:

Watch/read...

Questions to Consider

After completing the activities above, answer the following questions:

- ...

6.6 Digital Wisdom

To conclude our course, we will examine another perspective on ethics and technology. This may tap into the foundational lens by which you approach many ethical issues, so take a moment to reflect on the following:

- What role does technology play in my social, academic, and spiritual life?
- What guidance does the Bible have on our use of technology today?
- How will my use of technology support my social, academic, and spiritual goals?

Activity: Digital Wisdom

Skim the following article in which the authors present a framework for digital wisdom, as well as practical practices that can help navigate the digital in our daily lives.

- A Framework for Digital Wisdom in Higher Education

Here are some quotes that resonate with me. Feel free to highlight your quotes using Hypothes.is, or in your personal Obsidian notes.

“Institutions of higher education have a crucial role and responsibility at this moment of technological change to form people who will flourish in our so-called digital age.” (para 1)

“Within the context of Christian higher education, the need to integrate new ICTs into our individual and institutional lives well and wisely—as we consider what technologies are doing to us and what we will do with them—is of utmost significance if we are committed to the cultivation of competence, character, and wisdom.” (para 6)

“Scripture enables us look behind and beyond our and others’ online identities to see ourselves and others as embodied and relational beings made in the image of God.” (para 21)

“Our use of technologies must be shaped by our intentions and values, and we must be aware of how platform interfaces, permissions, algorithms, and other design elements could interfere with our goals and obligations.” (para 31)

Questions to Consider

Answer the following questions in your personal journal:

- How can you, as a TWU student, flourish in this digital age?
- How do the tools you use shape you? How do you use them wisely?
- How should we view and relate to others online - in particular those whom we disagree with?
- How can you cultivate inclusive digital communities which embody a sense of belonging, connection, and Christian hospitality?
- And finally, how can we use technology in a way that aligns with our intentions and values?

Summary

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

Finally, we've presented the idea of digital wisdom. As you continue with the last two units of the course, we want to encourage you to examine your purpose in using technology, as well as how your contributions online can benefit others. As a final thought before you evaluate your own learning in this unit, consider TWU's mission and vision statements and how they relate to you and what you can offer to serve others and glorify God.

As you complete this course and continue on your learning journey we hope you have acquired skills that will prepare you for your academic studies and professional career.

... tools are more prepared for (and motivated to) be an engaged digital global citizen.

Create inclusive digital communities which embody a sense of belonging, connection, and Christian hospitality.

Develop personal and professional learning networks to discover and share knowledge, collaborate with others, and

“The mission of Trinity Western University, as an arm of the Church, is to develop godly Christian leaders: positive, goal-oriented university graduates with thoroughly Christian minds; growing disciples of Jesus Christ who glorify God through fulfilling the Great Commission, serving God and people in the various marketplaces of life.”

“Every graduate is equipped to think truthfully, act justly, and live faithfully for the good of the world and the glory of God.”

TWU Mission & Vision Statements

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:

- ...
- ...

References

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

Unit 5

Wenger, E. (2014) Communities of practice: a brief introduction, accessed 10 October, 2023

Teaching in a Digital Age – Second Edition by A.W. (Tony) Bates is used under a CC BY-NC 4.0 Licence.

[Creating Communities of Practice](<https://www.communityofpractice.ca/background/what-is-a-community-of-practice/>) from ERLC, a member of Alberta Regional Professional Development Consortia (ARPDG). Used under a CC BY-NC-SA 4.0 Licence.

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