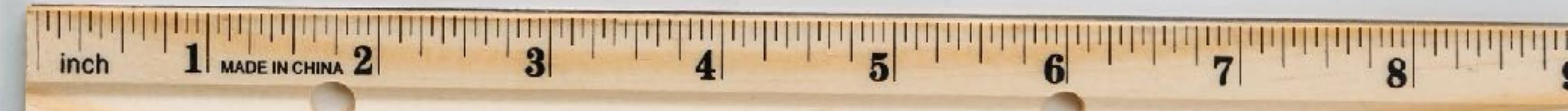


A photograph of a bridge at sunset. The sky is filled with warm orange and yellow hues, reflected in the water below. A blue steel truss bridge arches over a body of water that appears to be partially frozen or has low-hanging ice. In the background, there's a small cluster of houses and bare trees. The foreground is dominated by tall, dry reeds in the lower-left corner.

WELCOME BACK!

**ENGINEERING
TECHNICAL
COMMUNICATIONS**
WEEK #4
LESSON 2

PRISMACOLOR®
Plastic Eraser
Gomme en plastique





Announcements



Thank you for submitting Discussion Post #1.

Why Connect?

Connect is your personalized digital learning platform that makes studying and getting work done easier and more convenient than ever.

**The Connect Composition module is due on February 15.
You cannot submit this assignment late.**



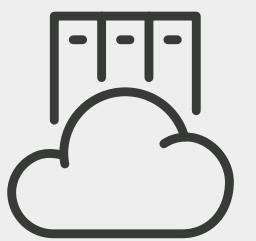
Maximize your study time with a personalized learning path.



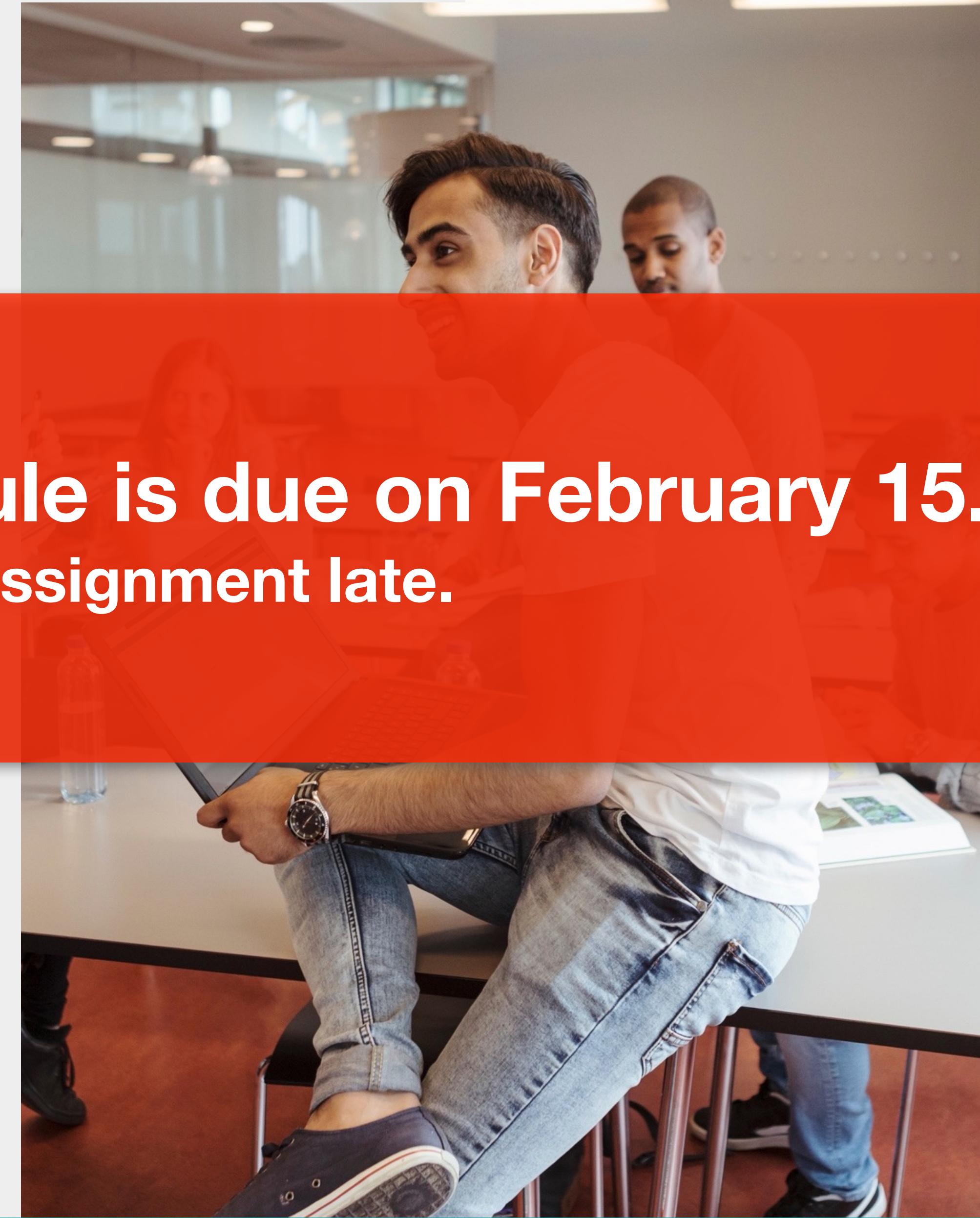
Achieve better grades & track your progress.



Save time – access assignments & learning tools in one place.



Learn online or offline, anytime, anywhere.





You will have time to meet with your
project teams *at the end of class.*



RECAP

LAST CLASS

- Guest Lecture: Academic Writing Advisor Jason Horn

Today:

- Academic Integrity
- Research/Evaluating Sources
- Citing and Referencing

A close-up photograph of a person's hands writing on a white sheet of paper with a black pen. The hands are positioned in the center-left of the frame, with the pen held vertically. The background is dark and out of focus.

The Writing Support Desk

Any Questions?



ACADEMIC INTEGRITY

Commitment to Excellence

Obtaining a degree from the University of Windsor requires focus, discipline, and hard work. This class is designed to improve your technical communication skills, not to increase your grade point average (GPA) ...

You are not allowed to cheat in this course.

What is Plagiarism?

“The act of copying, reproducing or paraphrasing significant portions of one's own work, or someone else's published or unpublished material (from any source, including the internet), without proper acknowledgment, representing these as new or as one's own. Plagiarism applies to all intellectual endeavours: creation and presentation of music, drawings, designs, dance, photography and other artistic and technical works. (Students have the responsibility to learn and use the conventions of documentation as accepted in their area of study and instructors have the responsibility of informing students in writing of any significant individual interpretations of plagiarism.)”

- University of Windsor Student Code of Conduct

Some Examples of Plagiarism/Academic Misconduct

- Copying information word-for-word from sources (including the internet) without citing and referencing properly
- **Using ideas or paraphrasing from sources without citing and referencing properly**
- Patching together information from various sources with little to no original work included (even if the various sources are properly cited and referenced)

Some Examples of Plagiarism/Academic Misconduct

- Submitting a previously submitted assignment (yours or someone else's)
- Paraphrasing and submitting a previously submitted assignment (yours or someone else's)
- Patching together pieces of various previously-submitted assignments (whether verbatim or by paraphrasing) and submitting the work as your own
- Working with another student / a group of students on an individual assignment

If you access a paper from a previous student or an online database and do not clearly indicate you have done so, you are cheating.





QuillBot

Writing Made Painless



From the Syllabus:

All incidents of academic dishonesty will be documented with the Associate Dean of Engineering – Academic. University procedures will be followed. Such incidents may include, but are not limited to: submission of assignments other than your own, receiving or sharing prior knowledge of test questions ...

Senate Bylaw 31:
Concept flow chart

STUDENT SUPPORT

OMBUDSPERSON

COMMUNITY
LEGAL AID

FACULTY SUPPORT

ACADEMIC
INTEGRITY OFFICE

CENTRE FOR
TEACHING AND
LEARNING

LIBRARY
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FACULTY MEMBER

-Faculty member meets with student to discuss alleged misconduct

AAU HEAD/FACULTY MEMBER

-Faculty member discusses alleged misconduct with AAU Head
-AAU Head decides to resolve matter or to make allegation of misconduct

ALLEGATION OF MISCONDUCT

ASSOCIATE DEAN

-Conducts investigation or engages AIO to conduct investigation
-Dismisses case or makes sanction decision

APPEAL

DISCIPLINE APPEAL COMMITTEE

-Full hearing of the facts
-Makes discipline appeal decision

UNIVERSITY SECRETARIAT

-Data entry & record retention

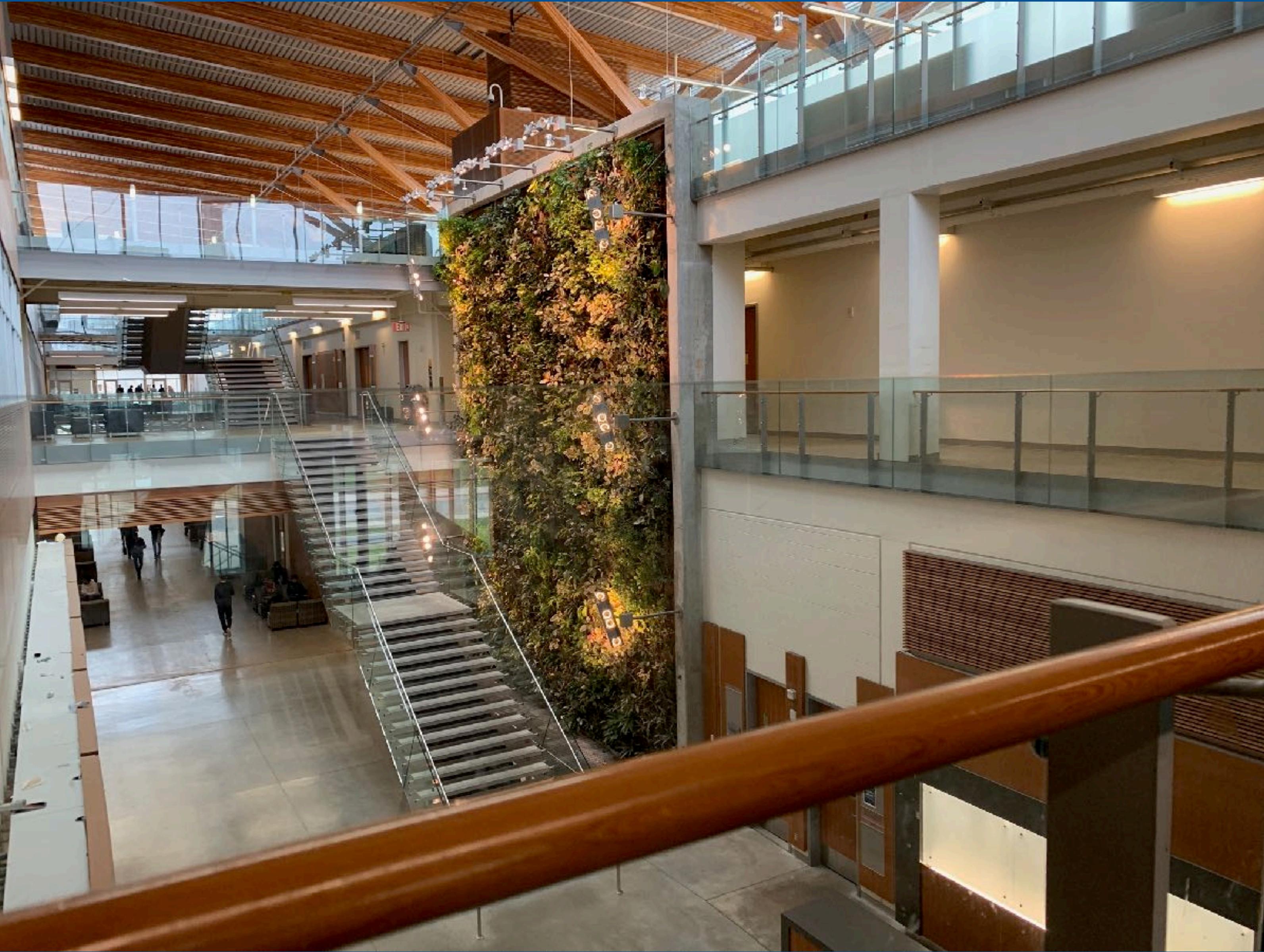


University of Windsor



Other methods of plagiarism detection:





Academic misconduct in GENG-8000-5

Academic Integrity

People

ADGS

To: [REDACTED] Cc: Jesse

Saturday, Jul 24, 2:20 AM

Please be advised that the matter regarding the allegation of academic misconduct (plagiarism) in GENG-8000-5 has now been completed and it has been determined that you did violate the rules regarding sharing of material and plagiarism. The sanction is as follows:

1. Mark reduction: 100% mark reduction in assignment.

Please note that if you wish to appeal the decision, you must do so within 10 working days of this notice of a decision. You are directed to read the relevant sections of Bylaw 31 (Sections 5.4 and 6).

If you wish to appeal, please contact the University Secretariat at reneew@uwindsor.ca

Regards,
Dr. Rangan

Lori Buchanan | Chitra Rangan
Associate Dean, Faculty of Graduate Studies
University of Windsor, Windsor ON, N9B3P4.
<https://www.uwindsor.ca/graduate-studies/>
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Reply

Forward

Quick Reply

▽ Jesse Ziter (jziter@uwindsor.ca)

63

- A ADGS** Academic integrity investigation 2021-12-22
Hi Jesse, I would do the latter. 10% of what the student earned. 4
- A ADGS,** Academic integrity investigation 2021-12-22
Ridham Panchal, Please be advised that the matter regarding 3
- A ADGS** Plagiarism in GENG-8000 Progress Report assignment 2021-12-16
Lori Buchanan
- A ADGS** AI Mark Penalties for Individual Analysis assignment 2021-12-16
Individual analysis assignment Penalty: Zero on assignment Section
- A ADGS** AI Mark Penalties for Progress Report assignment 2021-12-16
Progress Report: Penalty: Zero on assignment: Section 4: Name of
- SZ** 8000 academic integrity complaints 2021-12-16
Hello professor, I apologize for the plagiarism happened in my 9
- A ADGS** Meeting re. academic integrity investigation 2021-12-14
[REDACTED]
- A ADGS** Academic Integrity Investigation 2021-12-14
[REDACTED]
- A ADGS** Academic Integrity Investigation 2021-12-14
[REDACTED]
- A ADGS** Academic Integrity investigation 2021-12-9
Good afternoon, Chitra: Hope all is well. This type of academic 6

- A ADGS, Victoria** GENG-8000-4 Academic Integrity Report 2021-12-8
Jesse, Can you give me UWinID? I seem to have 15
- A ADGS** Academic dishonesty in GENG-8000-4 F21 2021-12-2
Yes, I forgot to copy you. Have done so. Chitra 4
- A ADGS** Academic dishonesty in F21 GENG-8000-4 2021-12-2
Lori Buchanan
- RP Ridham, ADGS** Meeting regarding Academic Integrity report 2021-12-1
... iOS From: ADGS <adgs@uwindsor.ca> Sent: Wednesday, ... 2
- A ADGS** Academic dishonesty in GENG-8000-4 F21 2021-12-1
Please be advised that the matter regarding the allegation
- A ADGS** Academic Integrity Investigation 2021-12-1
[REDACTED]
- A ADGS** Academic misconduct in GENG-8000-5 (Team 6) F21 2021-11-26
Please be advised that the matter regarding the allegation of
- A ADGS** Academic misconduct in GENG-8000-5 (Team 6) F21 2021-11-26
Please be advised that the matter regarding the allegation of
- A ADGS** Academic dishonesty in GENG-8000-5 (Team 6) F21 2021-11-26
Please be advised that the matter regarding the allegation of
- A ADGS** GENG-8000 Section 5 Academic Integrity Report 2021-11-26
Hi Jesse, I met with these three students just now. It was 8

- A ADGS** Academic misconduct in GENG-8000-5 2021-08-6
Please be advised that the matter regarding the
- A ADGS** GENG-8000-5 Academic Integrity Report 2021-08-6
Good morning, Jesse. Thanks for the explanation. I am certainly 5
- A ADGS** Academic misconduct in GENG-8000-5 2021-07-28
Lori 2
- SK** Letter of Reflection 2021-07-26
Good morning Ziter, I accepted my plagiarism accusation. 4
- A ADGS** Academic misconduct in GENG-8000-5 2021-07-24
Please be advised that the matter
- A ADGS** Academic misconduct in GENG-8000-5 2021-07-24
Please be advised that the matter regarding the
- A ADGS** Academic misconduct in GENG-8000-5 2021-07-24
Please be advised that the matter regarding the
- MA Majid, ADGS** GENG-8000-5 Progress Report Memo Academic Integ... 2021-07-9
Dear Chitra and Lori I have met four students who committed AI 12
- DK Debbie, ADGS, Majid** GENG-8000 Academic Integrity Report 2021-05-18
Hi Debbie, Yes, I did. Students need to be able to engage with 18
- A ADGS** Allegation of academic misconduct 2021-04-16
Hi Jessie, Yes. Normally a second offence would be zero on the 3

Calendar □ Meet now + New meeting ▾

Today < > **November 2021** ▾ Week ▾

	21 Sunday	22 Monday	23 Tuesday	24 Wednesday	25 Thursday	26 Friday	27 Saturday
11 a.m.					Meet Kamalika Sharma Shivani Patel and Mr. Mohammed Akbar Ali Sonalika Karmarkar	Meet Kamalika Sharma Shivani Patel and Mr. Mohammed Akbar Ali Sonalika Karmarkar	
12 p.m.			Meet Kamalika Sharma Pardeep Arora and Mr. Deepak S. Chaudhary Himanshu Arora and Mr. Shagun Singh Chauhan Harshita Jain and Mr. Mohammed Akbar Ali Sonalika Karmarkar		Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	
1 p.m.					Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar
2 p.m.					Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	
3 p.m.					Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	
4 p.m.					Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	
5 p.m.					Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	Meet Kamalika Sharma Shivani Patel and Mr. Yash Rangani and Mr. Amit Ganguly and Mr. Ravi Bhagat and Mr. Mohit Tiwari and Mr. Mohammed Akbar Ali Himanshu Arora and Mr. Sonalika Karmarkar	



Assignments

Academic Integrity Materials

Project Planning: Introduction to the Four Smart Design Lenses

Attached Files: [Introduction to the Four Smart Design Lenses - S22.pdf](#) (109.337 KB)

This document is not an assignment itself, but it will help you understand the requirements of the Project Problem Description, Progress Report Memo, Individual Analysis Report, Synthesized Whitepaper, and Team Oral Presentation Video assignments.

Project Team Contract

Attached Files: [team contract.pdf](#) (413.635 KB)

We have discussed the usefulness of team/group contracts in class. Please consult and consider the attached team contract template as you begin to work with your groups on your Major Team Project Proposal assignments. This document is provided for the benefit of your teamwork; you are not required to use it if you wish not to, and you do not need to submit it to me at any point.

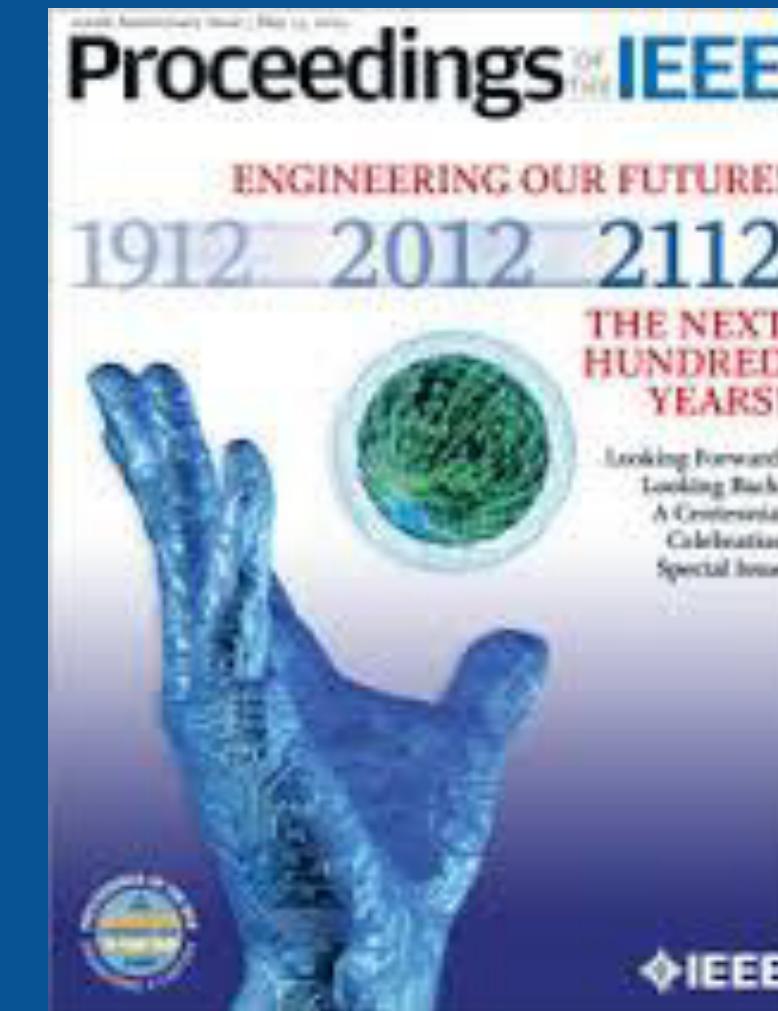
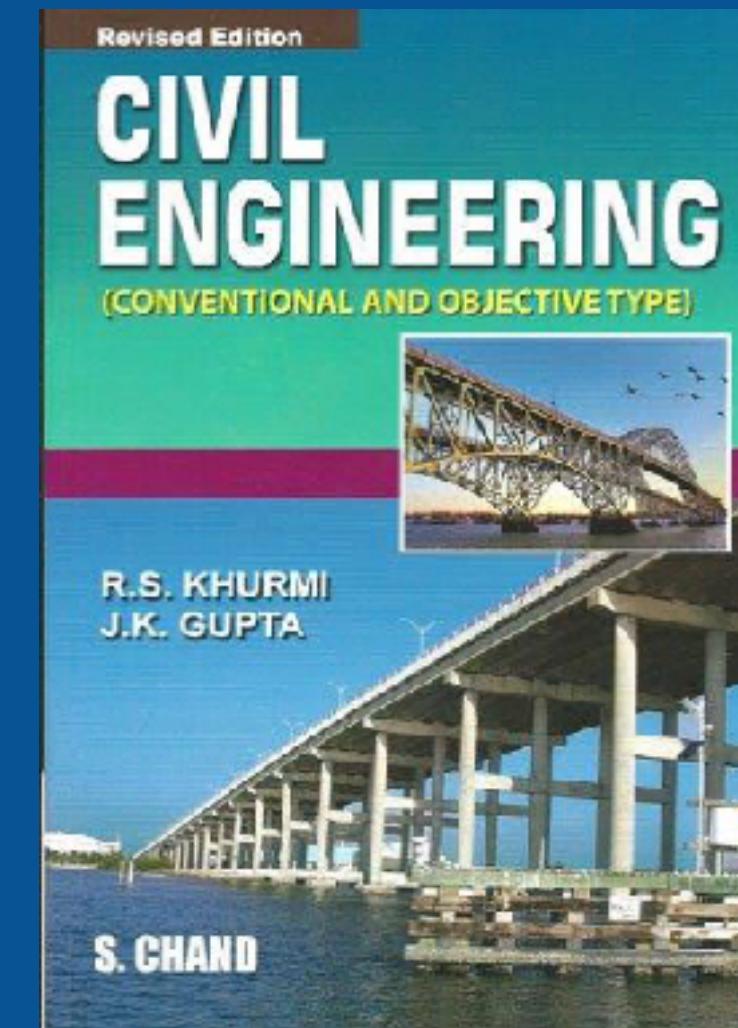
RESEARCH

A photograph of a woman with long brown hair and glasses, wearing a grey sweater, standing in a library aisle. She is looking down at a book she is holding in her right hand. The library has tall wooden bookshelves filled with books. The word "RESEARCH" is overlaid in large white letters across the center of the image.

POPULAR INFORMATION



SCHOLARLY INFORMATION



RESEARCH

- *Primary research* involves creating technical information yourself.
- *Secondary research* involves collecting information that other people have already discovered or created.



RESEARCH: REFERENCE VARIETIES FOR ENGINEERS

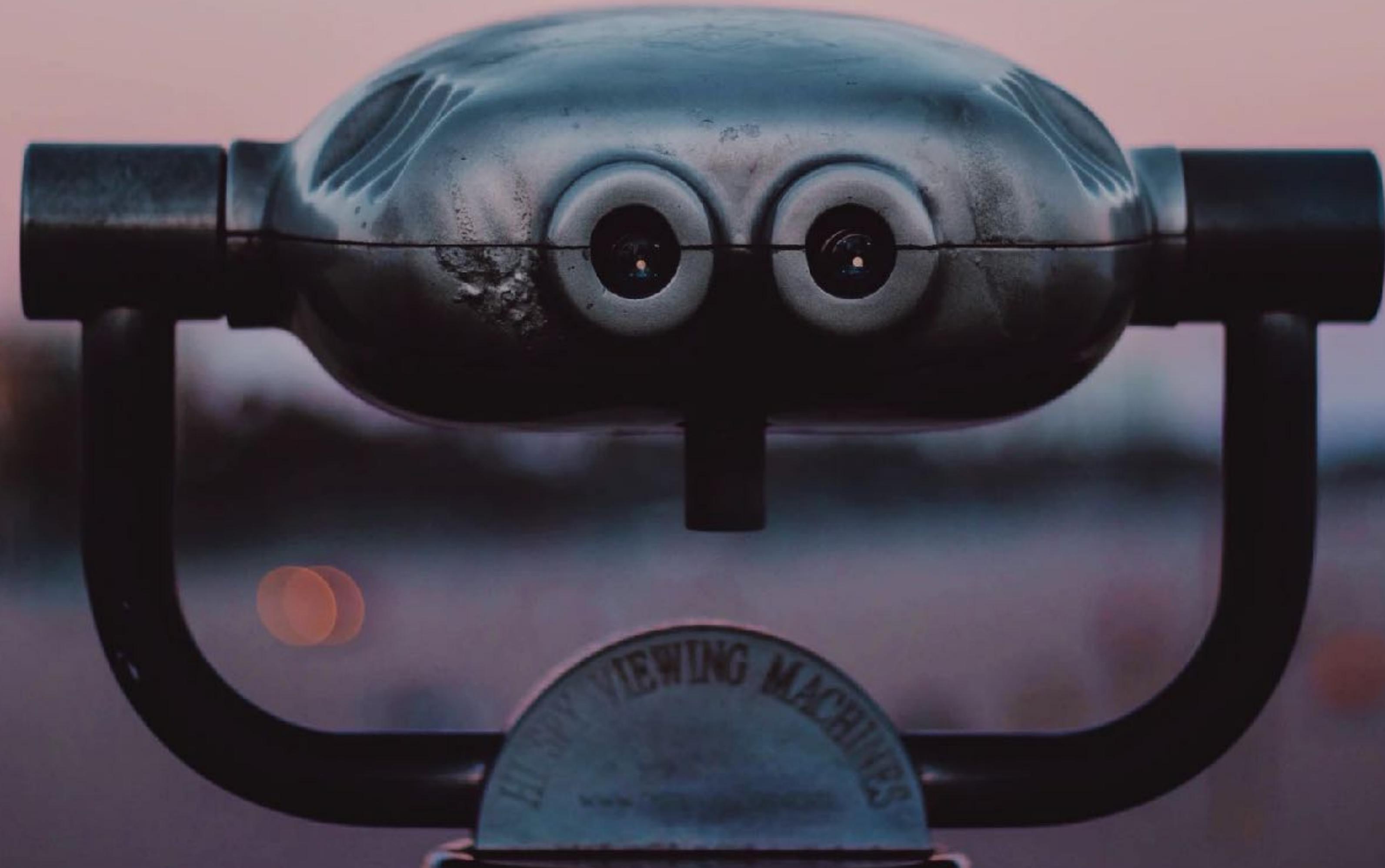
Previous
Design

Existing
Research

Handbooks
and Codes

Components
and Parts

WHERE TO LOOK



SECONDARY RESEARCH: WHERE?

Inform yourself on the topic:

- Search Engines (Google/Google Scholar)
- Online Databases (Engineering Village, Compendex, Scopus)
- Library Catalogue
- Ask a Librarian
- Index Hunting/Bibliography Mining
- Reference Manuals
- Patent Searches (Canadian Patents Database, United States Patent and Trademark Office, etc.)

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LEDDY LIBRARY

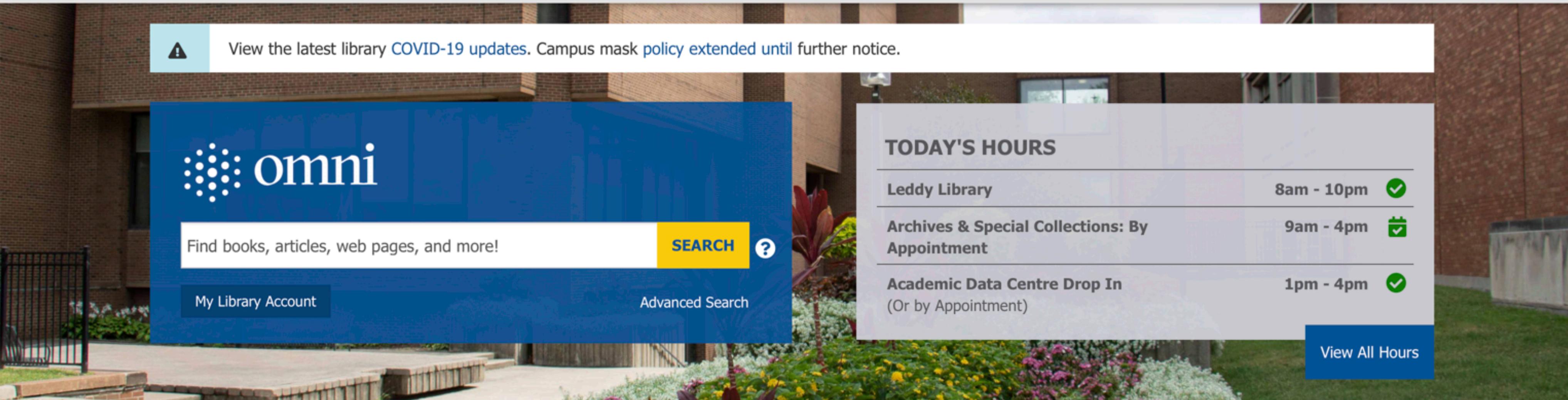
 My Library Account

[SEARCH OUR COLLECTIONS](#)

USE THE LIBRARY

LEARNING AND RESEARCH SUPPORT

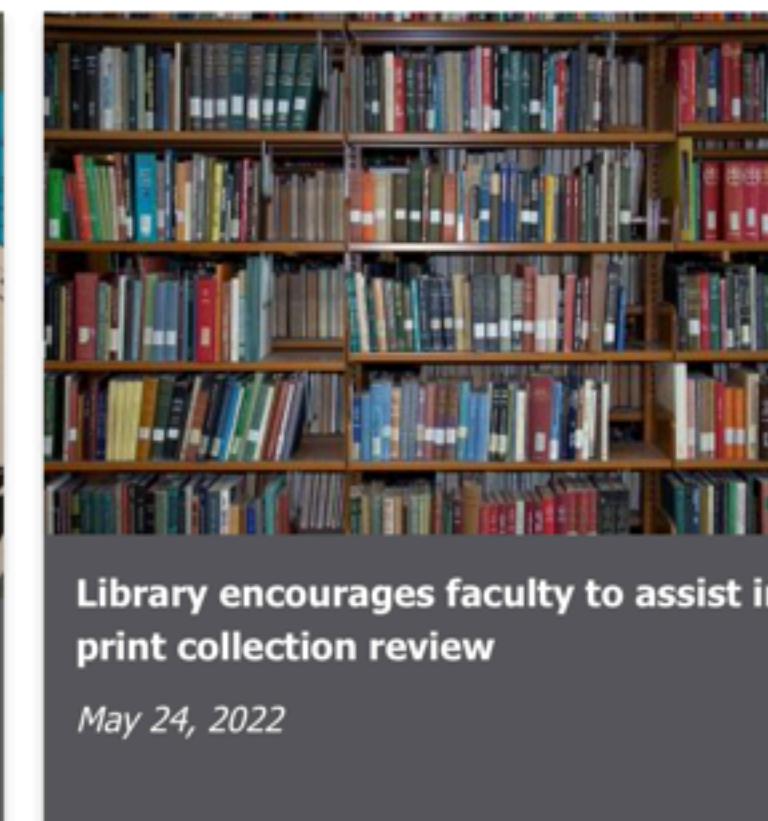
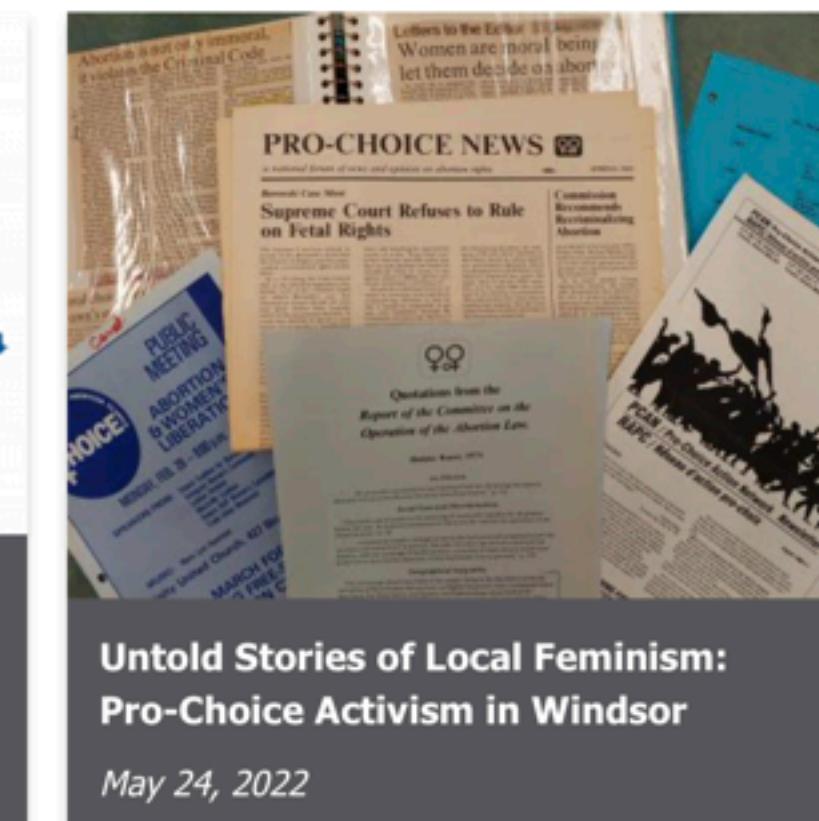
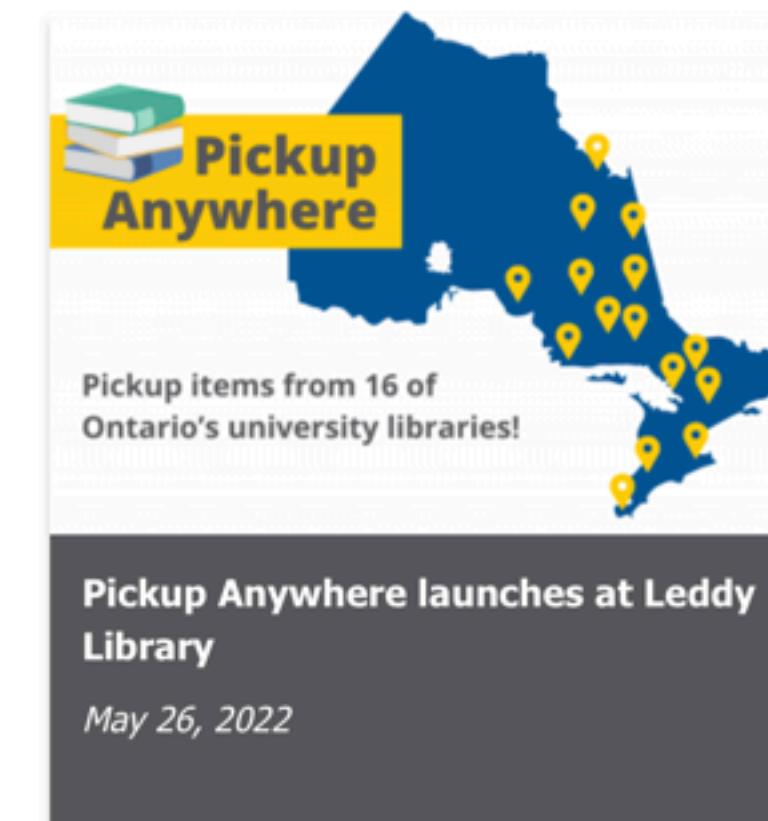
ABOUT LEDDY



QUICK LINKS

-  **Articles & Databases**
 -  **Research Help**
 -  **Resources by Subject**
 -  **Study Spaces**
 -  **Course Resources**
 -  **Printing and Computing**
 -  **Order from Other Libraries**

NEW AT YOUR LIBRARY



Library encourages faculty to assist in print collection review

May 24, 2022

[» SEE ALL NEWS](#)

Library Website





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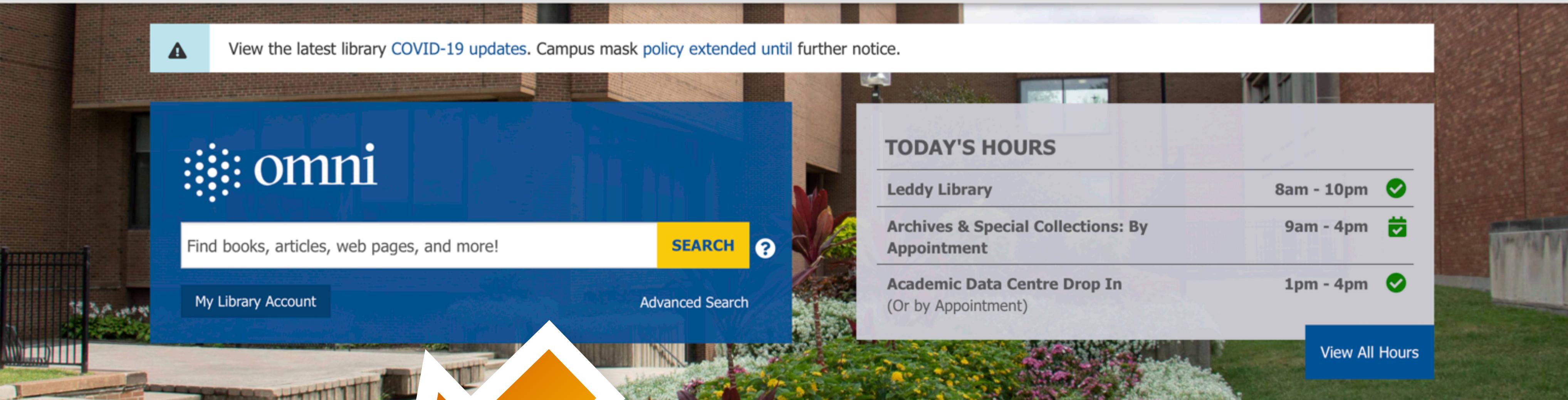
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USE THE LIBRARY

LEARNING AND RESEARCH SUPPORT

ABOUT LEDDY



QUICK LINKS

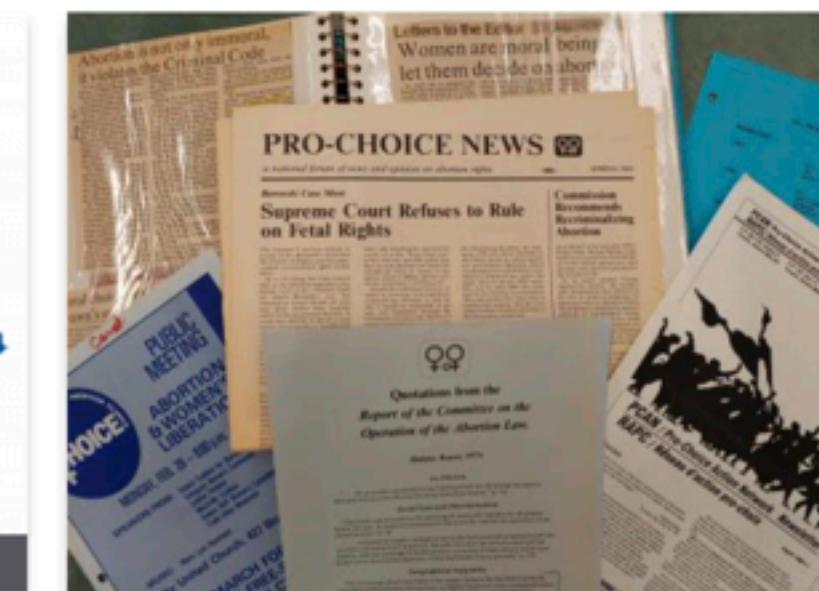
-  Articles & Databases
 -  Research Help
 -  Resources by Subject
 -  Study Spaces
 -  Course Resources
 -  Printing and Computing
 -  Order from Other Libraries



YOUR LIBRARY

Pickup items from 16 of Ontario's university libraries

Pickup Anywhere launches at Leddy Library



Untold Stories of Local Feminism Pro-Choice Activism in Windsor

May 24, 2022



Library encourages faculty to assist in print collection review

May 24, 2022

[» SEE ALL NEWS](#)

Get Help

Research and Reference Help

Resources by Subject

Research and Course Guides

Tutorials

Writing Support Desk

Connect with your library



Resources by Subject

These pages are your one-stop-shop for getting started with research on a particular subject. Crafted by your subject librarian, these pages connect you to databases, research guides and information on library services – just for you!

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[History](#)

[Human Kinetics \(Kinesiology\)](#)

Your Contact



Guoying (Grace) Liu

Head (Acting), Systems; Librarian



gliu@uwindsor.ca

(519) 253-3000 ext.3160

Leddy Library 214E - West Building

Engineering

Welcome to the Leddy Library's subject page for Engineering. Use this page to connect to a variety of engineering databases and research tools. Do not hesitate to contact me if you have any questions related to research and the library resources and services.

Articles & Databases

[All Engineering Databases](#)

[General Sciences](#)

Research Guides

- [› Engineering Microdata](#)
- [› Environmental Engineering, Pollution and Climate Data](#)

Services

- Research Consultation
- Support for Instructors
- Research Metrics and Impact

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DATABASES



DATABASE COVERAGE

Different databases cover different time periods, subjects, countries, and formats.



Peer-reviewed engineering research content dating from 1898 to present



Journals published by the American Society of Mechanical Engineers



Canadian Newstream: over 190 Canadian newspapers from 1970 to today, full text database.

Proquest Historical Newspapers: The Globe and Mail (1844 – 2013): Historical, Canadian Newspaper

SCHOLAR.GOOGLE.CA

GOOGLE SCHOLAR

The screenshot shows the 'Settings' page of Google Scholar. On the left, a sidebar lists options: 'Search results', 'Languages', 'Library links' (which is highlighted with a yellow box), 'Account', and 'Button'. The main area has a heading 'Show library access links for (choose up to five libraries):'. A text input field contains 'Windsor', with 'e.g., Harvard' below it. To the right is a blue search icon. Below the input field, two checkboxes are checked: 'University of Windsor - Get it at UWindsor' and 'Canadian National Catalogue - Find in AMICUS'. A note at the bottom states: 'Online access to library subscriptions is usually restricted to patrons of that library. You may need to login with your library password, use a campus computer, or configure your browser to use a library proxy. Please visit your library's website or ask a local librarian for assistance.' At the bottom right are 'Save' and 'Cancel' buttons.

Google Scholar

Settings

Search results

Languages

Library links

Account

Button

Show library access links for (choose up to five libraries):

Windsor

e.g., Harvard

University of Windsor - Get it at UWindsor

Canadian National Catalogue - Find in AMICUS

Online access to library subscriptions is usually restricted to patrons of that library. You may need to login with your library password, use a campus computer, or configure your browser to use a library proxy. Please visit your library's website or ask a local librarian for assistance.

Save

Cancel



BIOTECHNOLOGY PROGRESS

Bioprocess Engineering and Biobased Industrial Products

Biocommodity Engineering

Lee R. Lynd, Charles E. Wyman, Tillman U. Gerngross

First published: 04 September 2008 | <https://doi.org/10.1021/bp990109e> | Citations: 589



Volume 15, Issue 5
1999
Pages 777-793

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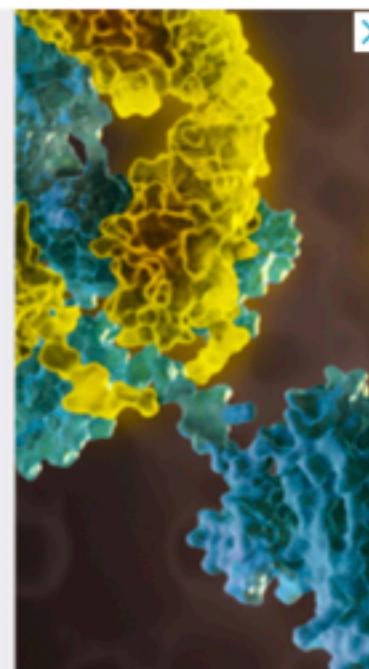
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CURRENT PROTOCOLS SARTORIUS

Next-Generation Antibody Discovery for Targeted Therapy

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Recommended

[Biobased Industrial Products: Bioprocess Engineering When Cost Really Counts](#)

[Biotechnology Progress](#)

[Engineering Biomass Conversion Processes: A Systems Perspective](#)

SEARCH STRATEGIES

- A search strategy: a structured organization of keywords (terms) used to search in a database or search engine
- Use different strategies for different databases (search engines) or different aspects of your research
- Budget your time to go back, try different keywords, refine your strategies and find more sources

DEVELOPING A SEARCH STRATEGY

- **Step 1:** What is your research topic or research question?
- **Step 2:** Figure out your keywords
- **Step 3:** Choose databases and conduct the search
- **Step 4:** Evaluate your results
 - Scenario 1: Too many results
 - Scenario 2: Too few results
- **Step 5:** Refine your search strategy and search again
 - Research is iterative

SEARCH TOOLS

Boolean Operators:

- **AND** = 2 concepts together
- **OR** = 1 concept OR another
- **NOT** = filters out concepts you do not need

Wildcard:

- Star symbol to find different forms of the same words
 - e.g. Canad* = Canada OR Canadians OR Canadian
- Question mark to perform a single character wildcard search
 - e.g. wom?n = women OR woman

Quotation Marks:

- Group words together in your search
 - e.g. “climate change”



REMEMBER: ALWAYS RECORD THE CITATION!

A typical citation for a journal article:

- Article title (what the article is called)
- Author (who wrote the article)
- Journal title (where the article lives)
- Year (when the article was written)
- Volume/Issue (where the article is kept)
- Page numbers (where the article starts/ends)



CITATION MANAGEMENT TOOLS

Also known as citation managers, bibliographic managers or reference managers

- Help us:
 - **Collect/import** citations from library databases and websites
 - **Organize, edit and search** through citations you saved
 - **Generate** bibliographies and in-text citations in specific styles within Word document
 - **Share** your citations with others

 <p>Zotero</p>	<p>Free and open source</p> <p>Grab citations as you browse using Firefox, Chrome, or Safari plugin</p> <p>Backup and sync on multiple devices via online account</p> <p>Plugins for Word & LibreOffice</p> <p>Third party mobile apps available</p>
 <p>Mendeley</p>	<p>Free for everyone</p> <p>Desktop interface for Windows, Mac, or Linux, and iOS app</p> <p>Backup and sync on multiple devices via online account</p> <p>Save and annotate PDFs</p>
 <p>EndNote Basic (Web-only)</p>	<p>Free</p> <p>Web-based interface. Register through Web of Science</p> <p>Plugin available for IE & Firefox</p> <p>Plugin available for Word</p> <p>Well integrated with Web of Science, but can be used with all databases</p>

Source: <https://guides.library.utoronto.ca/c.php?g=250610&p=1671259>

Slide by Grace Liu (Used with Permission)



RESEARCH: EVALUATING SOURCES



Source: http://library.salve.edu/website_eval.html

CRAAP

**Currency
Relevance
Authority
Accuracy
Purpose**

Currency: Timeliness of information

Relevance: Importance of information for your needs

Authority: The source of the information

Some specific questions about authorship follow:

- Who, specifically, researched and wrote the material in question? Is it easy to tell? (It should be.)
- What is the author's profession?
- If you dig a little deeper, does the author show up in bibliographic lists you find at the ends of other articles, or in textbooks or other books?
- Has the author written other work on the subject?
- Is the author connected to a school or organization?
- Is the author connected to advocacy groups?

AUTHORSHIP

Who wrote this? (We don't know...)

Stephen Hawking

From Wikipedia, the free encyclopedia

Stephen William Hawking CH CBE FRS FRSA (ˈstɛfən ˈhɔːkɪŋ; born 8 January 1942) is an English theoretical physicist, cosmologist, author and Director of Research at the Centre for Theoretical Cosmology within the University of Cambridge.^{[15][16]} Among his significant scientific works have been a collaboration with Roger Penrose on gravitational singularity theorems in the framework of general relativity, and the theoretical prediction that black holes emit radiation, often called Hawking radiation. Hawking was the first to set forth a cosmology explained by a union of the general theory of relativity and quantum mechanics. He is a vigorous supporter of the many-worlds interpretation of quantum mechanics.^{[17][18][19]}

Hawking is an Honorary Fellow of the Royal Society of Arts, a lifetime member of the Pontifical Academy of Sciences, and a recipient of the Presidential Medal of Freedom, the highest civilian award in the United States. Hawking was the Lucasian Professor of Mathematics at the University of Cambridge between 1979 and 2009.

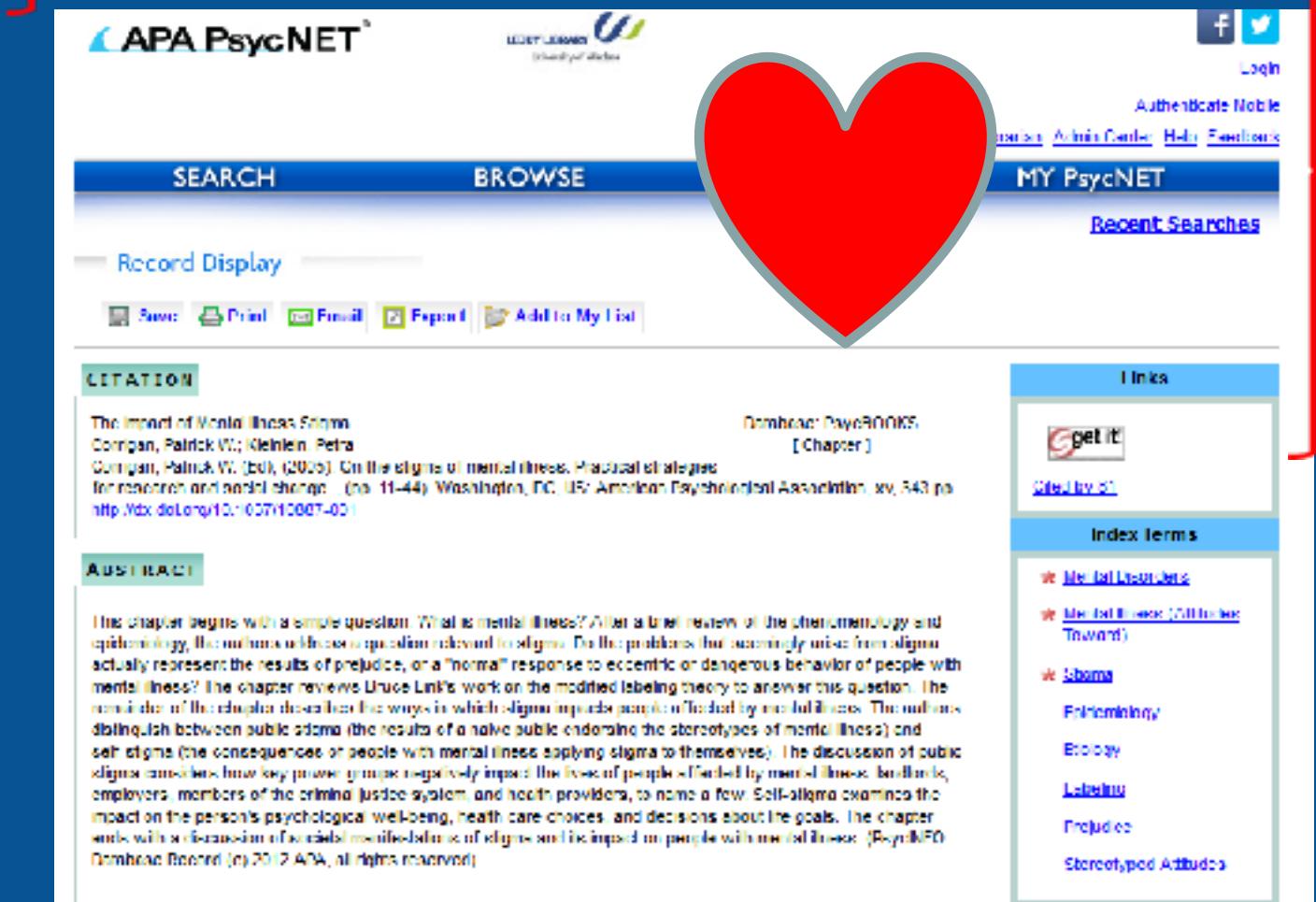
Hawking has achieved success with works of popular science in which he discusses his own theories and cosmology in general; his *A Brief History of Time* stayed on the British *Sunday Times* best-sellers list for a record-breaking 237 weeks.

Hawking suffers from a rare, early-onset, slow-progressing form of amyotrophic lateral sclerosis (ALS), or motor neurone disease, that has gradually paralysed him over the decades.^[20] He currently communicates by using a single cheek muscle attached to a speech-generating device. Hawking married twice and has three children.

REFERRAL/KNOWLEDGE OF THE LITERATURE



This article is written by “Craig Pearson”. Pearson is a journalist – his job is to report the news. He is not an expert on mental illness.



This article is written by “Patrick Corrigan”. Corrigan is a researcher – his job is to research mental illness and strategies to cope. He is an expert on mental illness.

WIKIPEDIA

Is an entry from Wikipedia a good source of information? (No! We do not know **who has written the entry!**)

However, The references at the bottom of the entries can provide a good start to finding good reputable sources!

Schizophrenia

From Wikipedia, the free encyclopedia

For other uses, see [Schizophrenia \(disambiguation\)](#).

Schizophrenia is a mental disorder characterized by abnormal social behavior, reduced social engagement and emotional expression, and a lack of motivation. Symptoms typically come on gradually, begin in young adulthood, and last a long time. The causes of schizophrenia include environmental and genetic factors.^[4] Poor nutrition during pregnancy.^{[4][12]} Genetic factors include a variety of common variants across the genome.^[5] During diagnosis a person's culture must also be taken into account, as this may affect the conditions with which it is often confused in public perception.^[14]

The mainstay of treatment is antipsychotic medication, along with counselling with other antipsychotics clozapine may be tried.^[4] In more serious situations than they once were.^[16]

About 0.3–0.7% of people are affected by schizophrenia during their lifetimes.^[2] About 20% of people do well and a few recover completely.^[15] An average life expectancy of people with the disorder is ten to twenty-five years.^[16] In 2015 an estimated 17,000 people worldwide died from behavior related to, or caused by, schizophrenia.^[10]

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THE LANCET

Online First Current Issue All Issues Special Issues Multimedia - Information for Authors

< Previous Article Volume 388, No. 10039, p86–97, 2 July 2016 Next Article >

Access this article on ScienceDirect

Seminar

Schizophrenia

Prof Michael J Owen, PhD, Prof Akira Sawa, MD, Prof Preben B Mortensen, DrMedSc

Published: 14 January 2016

PlumX Metrics

DOI: [https://doi.org/10.1016/S0140-6736\(15\)01121-6](https://doi.org/10.1016/S0140-6736(15)01121-6) | CrossMark

Article Options

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- Create Citation Alert
- Cited by in Scopus (149)
- Order Reprints (100 minimum order)

Linked Articles

CORRESPONDENCE

Schizophrenia

This article can be found in the following collections: Schizophrenia

Related Articles

**Wikipedia should not appear in your
Reference List.**

**You should be researching more deeply at
this level of study.**

Accuracy: The reliability, truthfulness, and correctness of the content

As a general rule, at this level, a source that emanates from a university, is published in a reputable journal, is peer-reviewed, and is indexed in a library database can be assumed to be accurate.

Look for writing that cites other sources and offers depth rather than only a broad overview of a subject.

Purpose: The reason the information exists

Consider what **arguments** the author makes. Does the author present a number of positions, or does he or she argue for a particular position?

Does the author have a stance? If so, what is it? Is the article intended to be objective or persuasive?

How persuasive do you find the argument? Why or why not? What reasons and evidence does the author provide in support of their position(s)? (e.g., citations, links, statistics)

Does the author consider any opposing arguments?

Who is the intended audience? A specialized group with shared values/expectations? A general audience?

Consider how authorship is connected to bias? Can the author's credentials imply a biased perspective?

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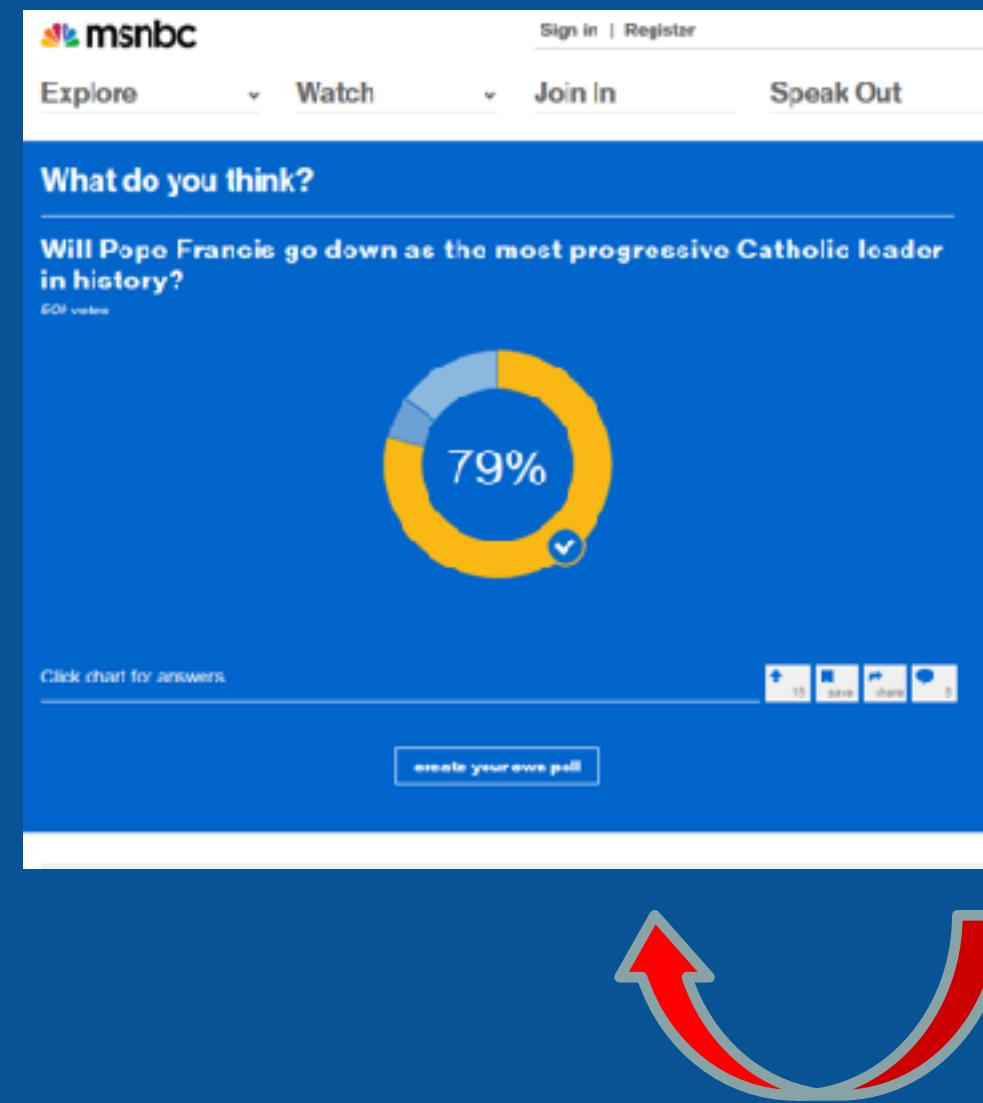
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“At EGO, we innovate the solutions we want to see in our own lives. We talk about the challenges we face and then build better tools with that in mind. We create better outcomes, and we do it together.”

ACCURACY OF THE DETAILS



This was a poll that was created by the site MSNBC. It seems to say that 79% of people think that Pope Francis will be the most progressive Catholic leader in history.

How can we be sure?
We don't even know how the poll was conducted!



Here is an article talking about the pope and his rise in popularity – especially through the media. It is written by 2 researchers who specialize in the history of Argentinian Catholicism.

PUBLISHING BODY

What is the name of who brought it to the web (academic? Organization? Government site?)

The screenshot shows a white page with a dark blue header. The header contains the American Cancer Society logo and the word "RESEARCHERS". Below the header, there is a section titled "American Cancer Society Researchers" with a sub-section titled "Society Research Leadership". A red bracket on the right side of the slide points to the sidebar on the right side of the screenshot.

American Cancer Society Researchers

Here at the American Cancer Society, the world's best and brightest researchers relentlessly pursue the answers that help us understand how to prevent, detect, and treat all cancer types. And that critical research, combined with our effective community-based anti-cancer initiatives, allows us to put those answers into action.

The Society's comprehensive research program consists of two divisions: [intramural research programs](#), headed by Elizabeth Ward, PhD, and [extramural grants](#), headed by William H. Chambers, PhD.

Society Research Leadership

The American Cancer Society Research Leadership Team is the senior-most team responsible for promoting the Society's mission of cancer prevention, early detection, and quality treatment through cancer research and education.

≡ Otis Brawley, MD
≡ William H. Chambers, PhD
≡ Elizabeth Ward, PhD

≡ Cancer Facts and Statistics
≡ Research to Prevent Cancer
≡ Treatment and Survivorship Research
≡ ACS Research Updates
≡ Currently Funded Cancer Research
≡ ACS Researchers
≡ Apply for a Research Grant
≡ Research Videos
≡ Cancer Infographics Gallery

From www.cancer.org. At the bottom it says: © 2015 American Cancer Society, Inc. All rights reserved. The American Cancer Society is a qualified 501(c)(3) tax-exempt organization. Cancer.org is provided courtesy of the [Leo and Gloria Rosen family](#).

POINT OF VIEW/BIAS

Is this neutral? Whose side are you reading?

THE WINDSOR STAR

EDITORIALS

OPINION / Editorials

The Star's View: Water World community centre is a vital inner city anchor



Closing the pool at Water World made sense. Closing the adjoining community centre does not. (TYLER BROWNBRIDGE / The Windsor Star)

Comments Email Like 157 Tweet 6 G+ 1 1 Print

Star Editorials Jan 27, 2015 7:01 PM EST Last Updated: Jan 27, 2015 11:18 PM LST

While the case could be made to close the pool at Windsor Water World when the new

RESOURCES: ENGINEERING DATABASES

- Engineering Village: <http://led.uwindsor.ca/engineering-village>
 - Tutorials:
 - https://service-elsevier-com.ledproxy2.uwindsor.ca/app/answers/detail/a_id/25975/supporthub/engineering-village/
- Compendex: <http://led.uwindsor.ca/compendex>
- K novelEngineering and Science e-books: <https://app.knovel.com/web/>
 - Tutorials:
 - https://service.elsevier.com/app/answers/detail/a_id/13522/c/10545/supporthub/knovel/
- More on Engineering page: <http://leddy.uwindsor.ca/engineering>

RESOURCES: STANDARDS

- IEEE Xplore (all current IEEE standards) <http://ieeexplore.ieee.org.ledproxy2.uwindsor.ca/Xplore/dynhome.jsp?tag=1>
- ASTM International Standards
<http://led.uwindsor.ca/astm-standards>
- ANSI American National Standards Institute
(Search engine for standards)
<https://webstore.ansi.org/>
 - Note: we do not have all standards in this site

Lddy also has a print collection of standards: some CSA, ASCE standards, search from the Library Catalogue

RESOURCES: PATENTS

- Canadian Patents Database
<http://www.ic.gc.ca/opic-cipo/cpd/eng/introduction.html>
- United States Patent and Trademark Office (USPTO) <http://patft.uspto.gov/>
- World International Property Organization (WIPO) Patentscope <https://patentscope.wipo.int/search/en/search.jsf>
- Google Patents
<https://patents.google.com/>

LITERATURE REVIEW

LITERATURE REVIEW: PURPOSE

“The author of a literature review is expected to summarize and discuss published work that establishes the technical, social, and economic context for a problem and summarizes the relevant history of the technology with an emphasis on the state of the art, recent advances, unresolved problems, and promising approaches to solutions” (House et al., p. 139).

You will be expected to include a short literature review of your solution in your Project Problem Description assignment.

LITERATURE REVIEW: INTRODUCTION

- Explains the focus and establishes the importance of the subject
- Discusses what kind of work has been done on the topic and identifies any controversies within the field or any recent research which has raised questions about earlier assumptions
- May provide background or history
- Concludes with a purpose or thesis statement
 - In a stand-alone literature review, this statement will sum up and evaluate the state of the art in this field of research.

LITERATURE REVIEW: BODY

- Summarizes and evaluates the current state of knowledge in the field
- Notes major themes or topics, the most important trends, and any findings about which researchers agree or disagree
- **NOTE:** Sources should not be discussed one-by-one, but should be organized and synthesized by theme or topic
- Often divided by headings/subheadings

LITERATURE REVIEW: CONCLUSION

- Summarizes all the evidence presented and shows its significance
- Should suggest any practical applications of the research as well as the gaps, implications, and possibilities for future research

LITERATURE REVIEW: RESOURCES

[https://guides.lib.uoguelph.ca/c.php?
g=130964&p=5000948](https://guides.lib.uoguelph.ca/c.php?g=130964&p=5000948)

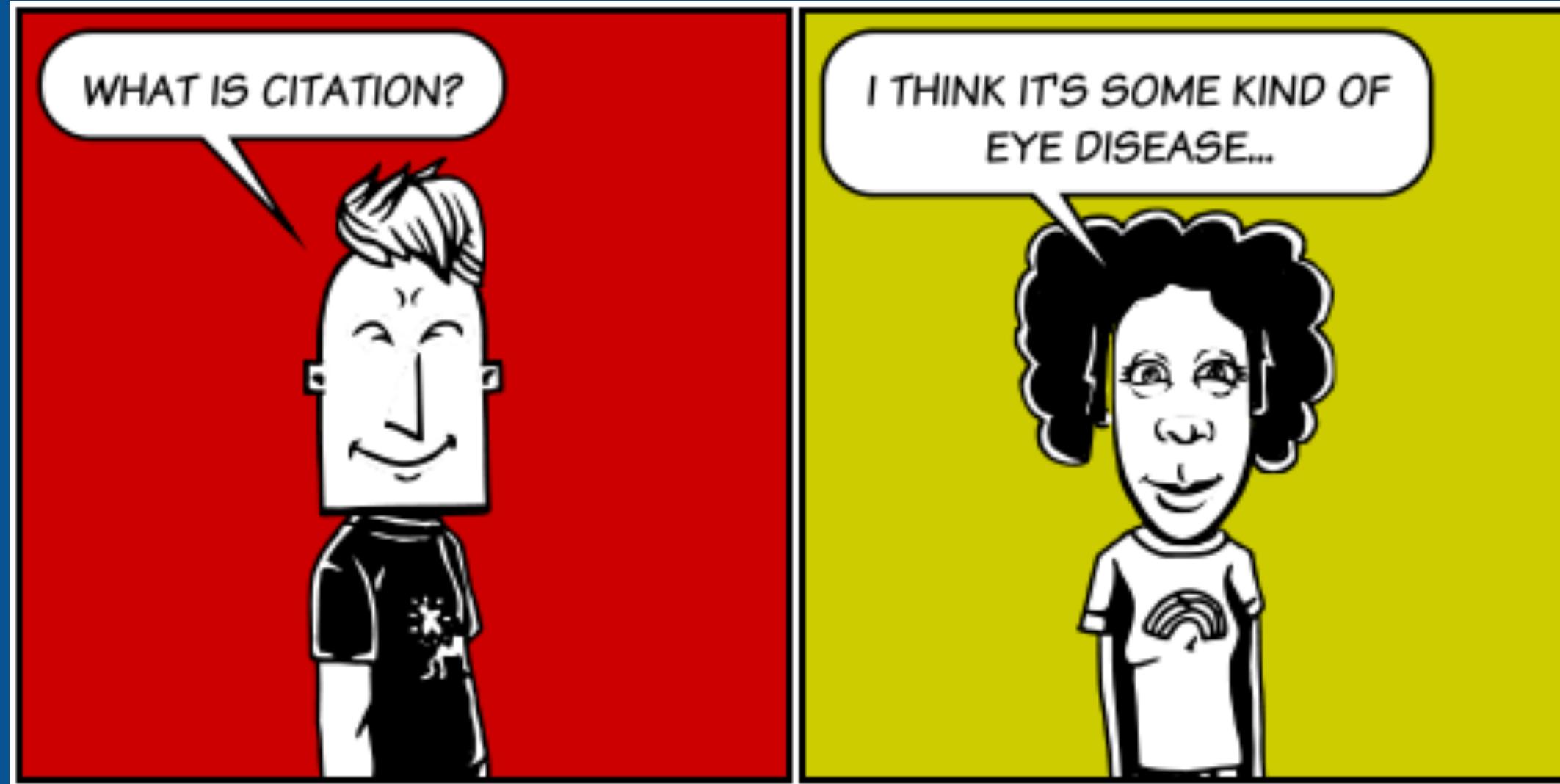
[http://ecp.engineering.utoronto.ca/online-handbook/
components-of-documents/literature-reviews/](http://ecp.engineering.utoronto.ca/online-handbook/components-of-documents/literature-reviews/)

[https://q.utoronto.ca/courses/264288/pages/writing-
support#TypesOfWriting](https://q.utoronto.ca/courses/264288/pages/writing-support#TypesOfWriting)

CITING AND REFERENCING



CITING AND REFERENCING: WHAT IS IT?



Source: http://lib.gsa.ac.uk/infosmart/infosmart-cite/infosmart_05.htm

Citing and referencing is a two-component method of acknowledging (giving credit to) sources that influenced your work.

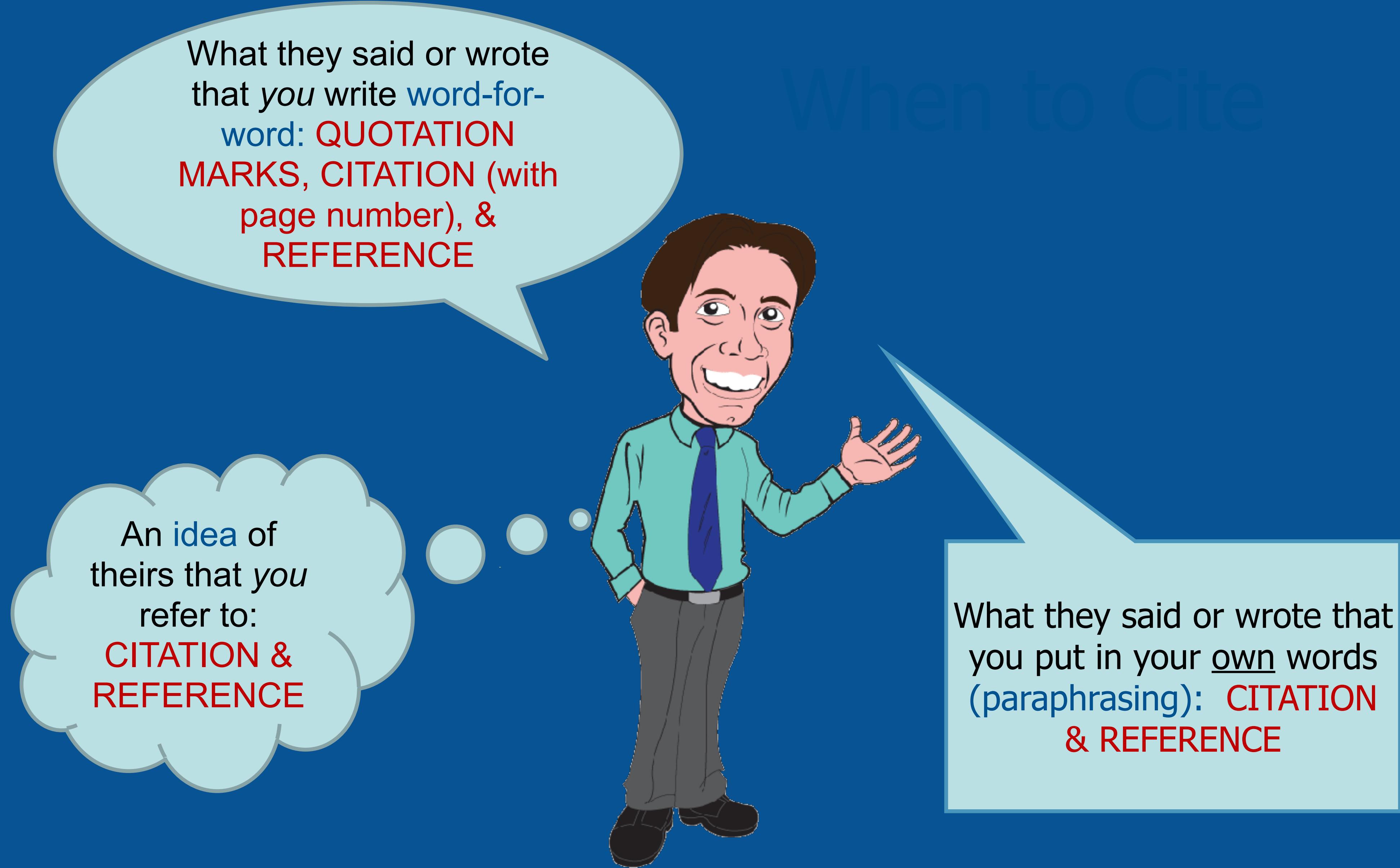
TERMINOLOGY

- A **citation** is an in-text indication that you are using someone else's ideas or words.
- A **reference** is the source of that information, the work to which you referred, the website you visited, the person you interviewed, etc.
- A **reference list** or **reference section** goes at the end of your document and lists all the sources to which you referred in the document.
- A **bibliography** is a list of all the sources you've consulted, whether or not you referred to them in the document.

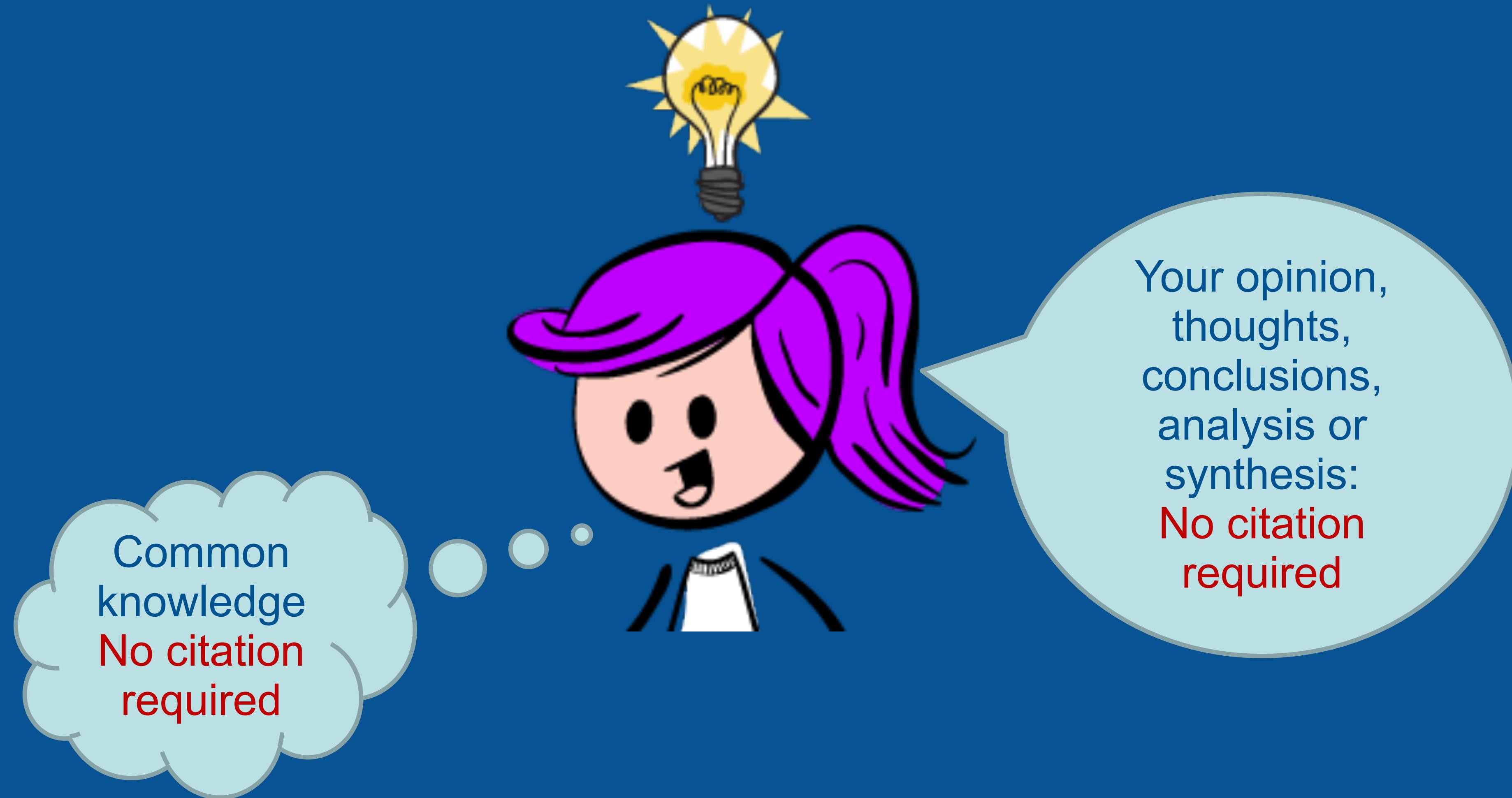
CITING AND REFERENCING: WHY?

- Give your voice scholarly credibility.
- Provide a *genealogy* of ideas – put your work into context.
- Give credit where credit is due.
- Offer evidence that supports your claims.
 - E.g., Facts, statistics, textual evidence.
- Be courteous to the reader.
 - Help the reader to locate information or reproduce your argument (traceability).
- Avoid plagiarism.

When to Cite



When Not to Cite



WHEN NOT TO CITE

Common Knowledge:

- Information or historical facts that appear in many reference books.
- Commonly accepted opinions/knowledge.
- Commonly known proverbs, adages and quotations.

Source: Blau, S. & Burak, K. (2012). *Writing in the Works* (3rd ed.). Boston, MA: Wadsworth, 504-5.

*If you are unsure whether or not you
need a citation, cite anyway!*

REFERENCING: STYLES

There are many referencing styles:

- MLA
- APA
- Chicago
- Harvard
- Oxford
- IEEE
- ASCE
- ASA
- CSE
- Etc.



The premise is always the same!

REFERENCING: STYLE COMMONALITIES

- The key is **traceability** – the reader should be able to find the source.
- Provide:
 - Author(s)
 - Title(s)
 - Publication data
 - Location information
 - (Physical and/or Electronic - What is a D.O.I.?)
 - Date

REFERENCING: STYLE DIFFERENCES

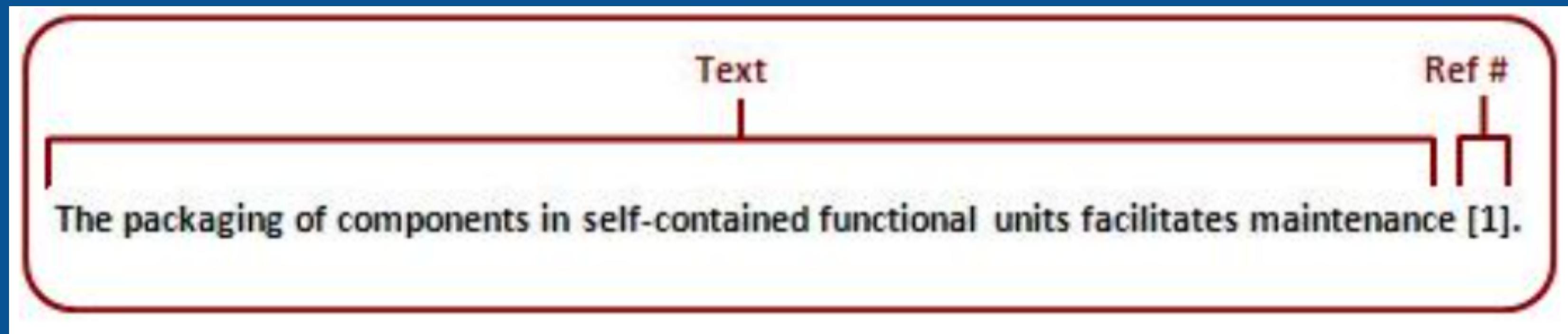
- Information that is included in in-text citations.
 - e.g., author-date vs. numerical
- Information that is included in references.
- Order in which information is presented in Reference(s) / Work(s) Cited / Bibliography
- There are many other differences – refer to style guides for proper format and convention.

REFERENCING: IEEE STYLE

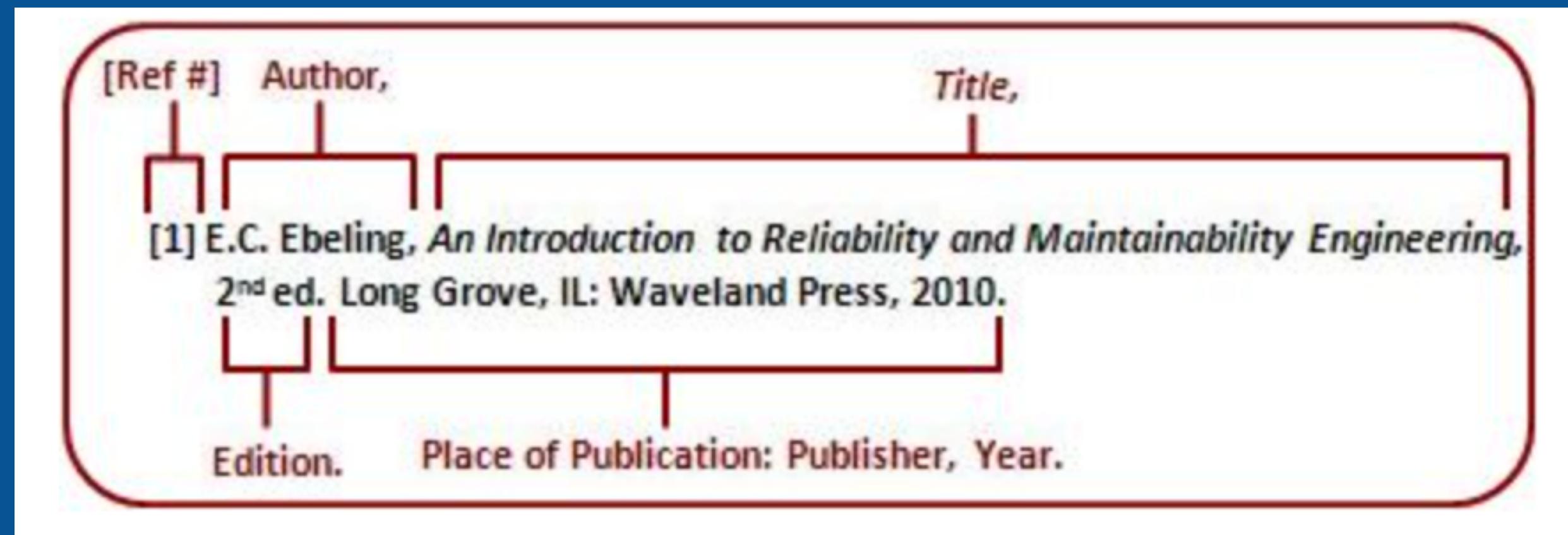
- The citation is a number in square brackets (e.g., [1]), placed on the same line as the text, before any punctuation, with a space before the bracket.
- The numbers are given based on the order in which the sources appear.
- A source is always referred to using the same number (no matter where it appears in the document).
- Refer to <http://libguides.murdoch.edu.au/IEEE/text> for more information.

REFERENCING: IEEE STYLE

Citation:



Reference:



REFERENCING: IEEE EXAMPLES



Purdue Online Writing Lab (OWL) IEEE Guide:
https://owl.purdue.edu/owl/research_and_citation/ieee_style/ieee_overview.html

IEEE Crib Sheet: <http://www.ieee.org/documents/ieeecitationref.pdf>

Murdoch University IEEE Guide: <http://libguides.murdoch.edu.au/IEEE/home>

ANY QUESTIONS?