

Welcome to CSCI1800!

Topic: Academic Integrity

Fall 2020

Dr. Aaron Sidney Wright

asw@dal.ca



DALHOUSIE
UNIVERSITY

Agenda

1. Academic Integrity
2. Plagiarism
3. Citations
4. Teamwork
5. Resources

Use these slides on your own: <https://g.aaronswright.com/>.

1. Academic Integrity

Integrity: “Soundness of moral principle; the character of uncorrupted virtue, esp. in relation to truth and fair dealing; uprightness, honesty, sincerity.” (OED)

- Transparency
- Trust
- Respect
- Responsibility

1. Tools to Achieve Integrity

- In-text citation
 - [Paraphrase] (Wright, 2016, p. 118).
- References
- Quotation marks
- Phrases
 - “the author uses the following evidence...”
 - “According to Campbell-Kelly et al...”
- Planning and organization
- Asking questions

2. Plagiarism

Plagiarism is a **failure** of integrity.
Dalhousie University defines plagiarism as

“the submission or presentation of the work of
another as if it were one's own.”

[dal.ca/dept/university_secretariat/academic-integrity/plagiarism-
cheating.html](http://dal.ca/dept/university_secretariat/academic-integrity/plagiarism-cheating.html)

2. Plagiarism

Plagiarism is a failure of integrity.

Academic Integrity violations can have big consequences:

- Failed assignments
- Lowered final grades
- Note on transcript
- Even suspension or expulsion

3. Citations

Music and language are intertwined in the brain such that “people who are better at rhythmic memory skills tend to excel at language skills as well” (DeAngelis, 2018, Musical Forays section, para. 4).

Example [APA](#) in-text citation

A tool for achieving integrity

- Transparency
- Trust
- Respect
- Responsibility

3. Citations

Ex: Wright (2016) argues that “information...” (p. 118).

118 Physics of Forgetting

Swanson considered miniaturized “binary symmetric storage elements”—he used the example of a ferromagnetic block of metal that was clearly meant to stand in for the magnetic core memory IBM used, for example, in the 705 Electronic Data Processing Machine introduced in 1955. We can get a sense of the material culture and business context underlying Swanson’s analysis in a 1955 advertising photograph of the cores alongside a pencil and a circuit-element (Fig. 2).

According to Swanson, quantum-mechanical and thermal effects may cause such an element to undergo a “spurious transition from one of its states to the other.” These “may lead to error in the interpretation of what information has been stored in memory” (Swanson 1960, p. 305). At some point, the likelihood of a fluctuation is so high that it would not be stable enough, on average, to hold information. Though Swanson’s research into the “ultimate limits” of computation may seem detached from the business practices of IBM, the behavior of magnetic cores was of central concern. The importance of the new arrays of cores can be seen in their placement in the center of the 705 manual’s wonderful mid-century cover, clearly the focus of attention (Fig. 3). It floats in its own section above other memory storage technologies: punch cards and magnetic tape. The claims in the 705 manual were somewhat divergent from Swanson’s analysis. Under the heading “Magnetic core memory” the manual effused that:

Magnetic cores are tiny, doughnut-shaped objects that can “remember” information indefinitely A network of ferrite



Figure 2. Magnetic core memory elements, 1955 IBM archives (VV2116) <http://www-03.ibm.com/ibm/history/exhibits/vintage/images/4506VV2116.jpg>

Wright, A. S. (2016). The Physics of Forgetting: Thermodynamics of Information at IBM 1959–1982. *Perspectives on Science*, 24(1), 112–141.

3. Citation Style: APA

CSCI1800 uses American Psychological Association style, 7th Edition.

Quick guide from Dal Libraries: https://cdn.dal.ca/content/dam/dalhousie/pdf/library/Style_Guides/apa_style7.pdf

Guide from Purdue, including sample papers:
https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/

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Specifications for CSCI1800


- If you refer to a specific part of a text, ALWAYS use page numbers*
- NO sections within essays ("~~Intro~~," "~~Methods~~" etc.)

3. Citing online books

*No page #s! Use section name and paragraph number:

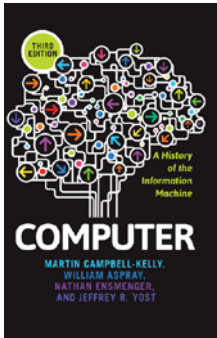
... (Campbell-Kelly et al., 2014, Babbage and Table Making section, para. 13)





Advance
Search H

Computer: A History of the Information Machine



Computer: A History of the Information Machine traces the history of the computer and shows how business and government were the first to explore its unlimited, information-processing potential. This third edition provides updated analysis on software and computer networking, including new material on the programming profession, social networking, and mobile computing. It expands its focus on the IT industry with fresh discussion on the rise of Google and Facebook as well as how powerful applications are changing the way we work, consume, learn, and socialize.

Author(s): Martin Campbell-Kelly, **Publisher:** [Westview Press](#)

3. Citations Conclusion

Use citations to act with integrity.

Resources

- These slides /video
- Sample essay in BSpace > Unit 0
- Book a free appointment at the Dal Writing Centre!
dal.ca/campus_life/academic-support/writing-and-study-skills/writing-centre.html
- Quick guide from Dal Libraries: https://cdn.dal.ca/content/dam/dalhousie/pdf/library/Style_Guides/apa_style7.pdf
- If you are unsure if you have cited something correctly, or used enough quotation marks, *please* ask your TA or Dr. Wright.

4. Teamwork

When you submit work as an individual,

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When you submit work as an individual, you promise that all the ideas and words inside are your own, except where you have used quotations, citations, and references to credit any ideas and words made by other people.

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When you submit work as an individual, you promise that all the ideas and words inside are your own, except where you have used quotations, citations, and references to credit any ideas and words made by other people.

When you submit work as a team, you promise that you contributed fairly to the work according to the rules you set up in your Team Charter.

4. Teamwork

What if you use words or ideas from a Teammate or Classmate (or someone else) in your individual work, like your Unit 1 essay?

Maybe:

- A way of expressing the essay question from your Team notes
- A comment you received in peer review

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Great! Just use citations or references to give credit.

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Great! Just use citations or references to give credit.

5. Resources

Test your understanding: "Is It Plagiarism?" Quiz on BSpace > Unit 0.

- These slides /video
- Cover Letter + Essay Template in BSpace
- Book a free appointment at the Dal Writing Centre!
dal.ca/campus_life/academic-support/writing-and-study-skills/writing-centre.html
- Quick guide from Dal Libraries: https://cdn.dal.ca/content/dam/dalhousie/pdf/library/Style_Guides/apa_style7.pdf
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Remember: Act with integrity

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