PART III - Academic Integrity



Image by F. Reichert using MidJourney and prompt "academic integrity --ar 4:1"

This artificial intelligence (AI) course is free and designed to help both individuals and teachers get started with AI.

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1. Academic Integrity



Image by F. Reichert using MidJourney and prompt "academic integrity --ar 4:1"

Academic integrity is the commitment to six fundamental values: honesty, trust, fairness, respect, responsibility, and courage.

These values are important in all aspects of academic life, including teaching, learning, research, and service. (International Center for Academic Integrity. 2021)

- Honesty means being truthful in all aspects of academic work, such as giving credit to others for their work, providing evidence for claims, and being objective.
- Trust is built on honesty and is essential for collaboration and the sharing of ideas. Students build trust by doing their own original work and faculty by being transparent with expectations.
- Fairness means that all members of the academic community are treated impartially. This includes having clear expectations, consistent policies, and impartial responses to any misconduct.
- Respect means valuing the diversity of opinions and engaging in civil discourse. This includes actively listening to others' ideas and acknowledging their intellectual contributions.
- Responsibility means upholding the values of academic integrity both individually and collectively. Students demonstrate responsibility by following academic policies and asking questions when they need clarification.
- Courage involves acting in accordance with your convictions, even when it is difficult. This might mean speaking up against wrongdoing or challenging unethical behavior.

^{-&}gt; jump to next part



Academic integrity is important because it ensures the quality and credibility of academic work, builds trust within the academic community, and prepares students for ethical behavior in their future careers.

Violations of academic integrity, such as plagiarism, cheating, and fabrication, have serious consequences. Resources are available to help PhD students understand and uphold academic integrity.

Insights from the European Code of Conduct

The European Code of Conduct for Research Integrity (ALLEA, 2023). enhances the concept of academic integrity by providing specific guidance for responsible research practices.

The European Code emphasizes the importance of adhering to good research practices throughout the research process, from developing ideas to disseminating results.

Rigorous Research Design and Methodology

Data Management and Stewardship:

Proper management of data, metadata, protocols, and other research materials is essential for reproducibility, transparency, and accountability, following principles like FAIR (Findable, Accessible, Interoperable, Reusable).

Collaborative Working:

Research often involves collaboration, and the European Code highlights the importance of clear agreements, open communication, and shared responsibility for research integrity within collaborative teams.

Publication Ethics:

The European Code provides detailed guidance on responsible publication practices, including authorship criteria, conflict of interest disclosure, and handling corrections and retractions.



2. Unacceptable Practices:

The European Code goes beyond the traditional definition of **research misconduct (fabrication, falsification, and plagiarism)** to outline a broader range of unacceptable practices. These practices, while not always constituting outright misconduct, can still harm the research process and erode trust in research.

Compromising Research Independence:

being aware of potential conflicts of interest and pressures that could compromise the independence and impartiality of their research. This includes undue influence from funders, sponsors, or other external parties.

Misusing Seniority and Position:

The Code highlights the responsibility of senior researchers to foster a culture of integrity and avoid misusing their position to exploit or pressure junior researchers.

Obstructing Other Researchers:

Actions that intentionally hinder the work of other researchers are deemed unacceptable. This includes delaying access to resources, withholding data without justification, or spreading misinformation.

Misrepresenting Research:

The Code cautions against practices that distort the research record, such as manipulating authorship, engaging in "salami publishing" (dividing research into multiple smaller publications), or misrepresenting research achievements.

3. Addressing Allegations of Misconduct:

The European Code stresses the importance of fair, transparent, and confidential procedures for addressing allegations of research misconduct. While specific procedures may vary between institutions, the Code outlines key principles that should guide investigations:

Presumption of Innocence:

Anyone accused of misconduct should be presumed innocent until proven otherwise.

Fair and Thorough Investigation:



Investigations should be conducted fairly, impartially, and thoroughly, protecting the rights of both the accused and the accuser.

Confidentiality:

Investigations should be conducted confidentially to protect the reputations and well-being of those involved.

Protection of Whistleblowers:

Individuals who report suspected misconduct ("whistleblowers") should be protected from retaliation.

References

- International Center for Academic Integrity. (2021). The Fundamental Values of Academic Integrity. (3rd ed.). www.academicintegrity.org/the-fundamental-values-
 of-academic-integrity
- Tertiary Education Quality and Standards Agency. (2022). What is academic integrity?
 https://www.teqsa.gov.au/students/understanding-academic-integrity/what-academic-integrity
- ALLEA. (2023). The European Code of Conduct for Research Integrity Revised Edition 2023.

https://allea.org/wp-content/uploads/2023/06/European-Code-of-Conduct-Revised-Edition -2023.pdf

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2. Why citations are important



Image by F. Reichert using MidJourney and prompt "Why Citations are important -- ar 4:1 -- c 40"

Referencing and citing other people's work is important for several reasons:

- **Giving Credit**: Referencing and citing allows you to acknowledge the original author or creator of a particular idea, concept, or work. By doing so, you give credit to those who have contributed to your own research or arguments.
- Avoiding Plagiarism: Plagiarism is a serious ethical violation in academic and research settings. Citing and referencing helps you avoid plagiarism by clearly distinguishing between your own thoughts and ideas and those borrowed from others. It shows that you have conducted thorough research and have given credit where it is due.
- Demonstrating Authority: Referencing and citing other people's work enhances the
 credibility and authority of your own research. It demonstrates that your work is based on a
 foundation of existing knowledge and that you have engaged with relevant scholarly
 literature.
- Supporting Claims and Arguments: By referencing and citing other sources, you provide evidence to support your claims and arguments. It adds validity to your work and allows readers to delve deeper into the topic by accessing the cited sources for further information.
- Promoting Collaboration and Contribution: Referencing and citing other people's work
 encourages collaboration and the exchange of ideas in academic and research communities.
 It acknowledges the value of past research and contributes to the ongoing advancement
 and development of knowledge.
- **Citation makes you a better researcher**. Good citation practices enhance research skills by fostering attention to detail and enabling pattern recognition
- Citation enables better verification of your work. Proper citation and attribution of sources make the editing process easier and increases the likelihood of positive feedback.



References provide readers with a roadmap to further explore a subject. Readers can find additional information and insights that they may not have been able to find on their own. This can help them to gain a deeper understanding of the subject and to improve their own research.

Copying yourself - Self-plagiarism



https://www.khrono.no/dom-i-sak-om-selvplagiat-studenten-fusket-ikke/907389



Academic integrity requires each submission to be original, reflecting new effort and research.

Self-plagiarism occurs when you reuse text, results, or other content from your previous work without proper acknowledgment. If you use material from earlier study projects in a new assignment or report, you might be accused of plagiarism, even though it is your own work.

To avoid self-plagiarism, always clearly cite your past work, and consult with your instructor if you're unsure about reusing previous content. This will help you maintain honesty in your academic writing and avoid any misunderstandings.

References

- The Citation Compass. (n.d.). The Citation Compass. https://kildekompasset.no/en/
- MyBib. (2023). Free IEEE citation generator.
 https://www.mybib.com/tools/ieee-citation-generator



3. Challenge: Create a APA 7 and IEEE style references

Be aware of the fact that Chatbots can generate **fake links** even though you gave a valid link. ALWAYS check!

- Create an APA7 references for:
 The European Code of Conduct for Research Integrity at
 https://allea.org/wp-content/uploads/2023/06/European-Code-of-Conduct-Revised-Edition-2023.pdf
- Create an IEEE style reference for:
 Monash University's web page on academic integrity:
 https://www.monash.edu/student-academic-success/maintain-academic-integrity/what-is-academic-integrity-and-why-is-it-importanthttps://www.monash.edu/student-academic-success/maintain-academic-integrity/what-is-academic-integrity-and-why-is-it-important

Hint: the two challenges are prompts that you can post directly into chatGpT, Copilot or Gemini Warning:

References

- The Citation Compass. (n.d.). The Citation Compass. https://kildekompasset.no/en/
- MyBib. (2023). Free IEEE citation generator.
 https://www.mybib.com/tools/ieee-citation-generator

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4. How to prove your innocence





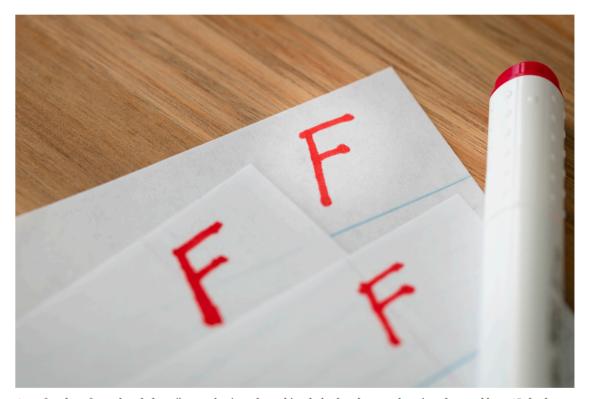
MUSIC POLITICS TV & MOVIES (SUB)CULTURE RS RECOME

BOT BUST

Professor Flunks All His Students After **ChatGPT Falsely Claims It Wrote Their Papers**

Texas A&M University-Commerce seniors who have already graduated were denied their diplomas because of an instructor who incorrectly used AI software to detect cheating

BY MILES KLEE MAY 17, 2023

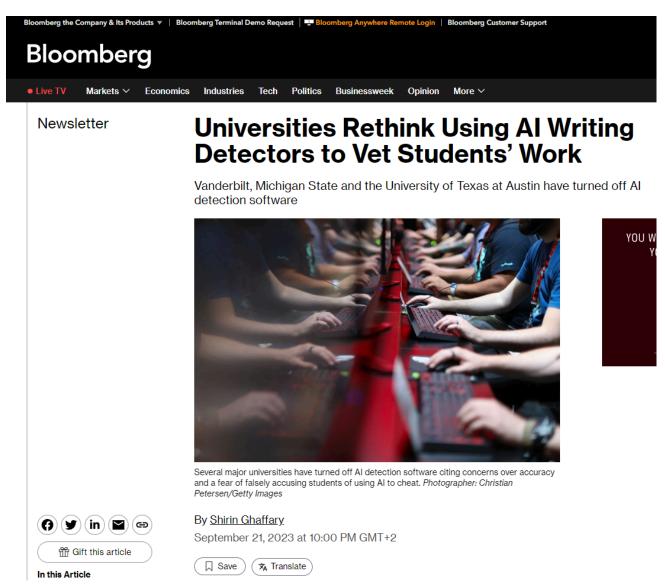


A confused professor handed out 'incomplete' grades to his whole class because he misunderstood how AI chatbots work. Alyh m/Adobe stock

Major newspapers reported in May 2023 that a professor at Texas A&M University refused to approve student essays stating they were all using chatbots to create them [1]. The professor relied on Openai's chatGPT tool to verify the essays. He pasted essays into ChatGPT to identify Al-generated text. Unfortunately, ChatGPT generates false positives and should not be used for such a purpose. Some students took the professor's doctoral thesis and ChatGPT confirmed that an



Al was likely involved to write it [4]. Thus proving the danger of relying on Al tools for validating essays.

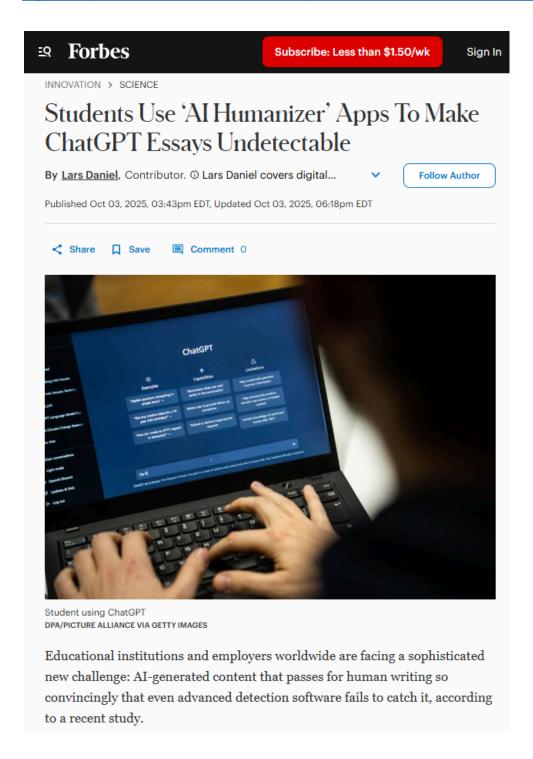


Source: https://www.bloomberg.com/news/newsletters/2023-09-21/universities-rethink-using-ai-writing-detectors-to-vet-students-work
More: https://www.timeshighereducation.com/campus/it-time-turn-ai-detectors



More reading (Forbes, Oct. 3, 2025):

https://www.forbes.com/sites/larsdaniel/2025/10/03/students-use-ai-humanizer-apps-to-make-chatgpt-essays-undetectable/?utm_source=flipboard&utm_content=topic/artificialintelligence



Article mentions the fight between AI detectors like <u>Pangram</u> and StealthGPT, Undetectable AI and WriteHuman



ChatGPT & Copilot cannot be used as a proof

When consulted about its capacity to distinguish between Al-written and human-written essays, ChatGPT [6] expressed: "As an Al language model like GPT-4, I don't inherently possess the capability to evaluate essays and definitively determine whether they were written by a human or an Al."

Microsoft Copilot answered: "As a search engine, Bing does not have the capability to identify essays that students have written using chatbots. Bing's primary function is to provide search results for user queries, not to detect or analyze the authorship of written works. There are other tools and software available that can help detect plagiarism or the use of AI-generated text, but Bing is not one of them."

What to Do

If you are falsely accused of using a chatbot, there are steps you can take to prove your innocence:

- **Provide evidence of your work**: Show drafts, outlines, notes, and any other materials that demonstrate the development of your essay. This can help prove that the work is your own. Many editors like Word or google docs provide a history feature that documents your writing process.
- Explain your writing process: Describe how you researched, wrote, and revised your essay. This can help demonstrate that the work is original and not generated by a chatbot.
- Ask for a review: Request that a third party, such as a department head or academic integrity committee, review the evidence and make a determination.
- **Seek support**: Reach out to student support services or an academic advisor for guidance on how to navigate the situation.

Remember to remain calm and professional throughout the process. Accusations of academic misconduct can be stressful, but by providing evidence and explaining your work, you can help clear your name.

Things not to do

Don't "go out to the internet and try to find bots that change text in a way that validation tools cannot identify that a text is AI generated". You are only hurting yourself.



References

[1] ALLEA, "The European Code of Conduct for Research Integrity – Revised Edition 2023," Berlin, 2023. [Online]. Available:

https://allea.org/wp-content/uploads/2023/06/European-Code-of-Conduct-Revised-Edition-2023.pdf. [Accessed: July 19, 2023].

[2] H. Ingierd, R. A. Dammen, T. Østerhaug, and V. Enebakk, "<u>Selvplagiat er ikke plagiat</u>," Khrono, 28-Jun-2023. [Online]. Available: https://khrono.no/selvplagiat-er-ikke-plagiat/791913. [Accessed: July 20, 2023].

[3] P. Verma, "Texas A&M professor threatened to fail class for AI most didn't use," The Washington Post, 18-May-2023. [Online]. Available: https://www.washingtonpost.com/technology/2023/05/18/texas-professor-threatened-fail-class-c hatgpt-cheating/. [Accessed: July 20, 2023].

[4] M. Klee, "Professor Flunks All His Students After ChatGPT Falsely Claims It Wrote Their Papers," Rolling Stone, 17-May-2023. [Online]. Available: https://www.rollingstone.com/culture/culture-features/texas-am-chatgpt-ai-professor-flunks-stude nts-false-claims-1234736601/. [Accessed: July 20, 2023]

[5] Gold Penguin, "<u>Caught or Falsely Accused of Using ChatGPT? Here's What To Do,</u>" [Online]. Available: https://goldpenguin.org/blog/falsely-accused-of-using-chatgpt/. [Accessed: July 20, 2023]

- [6] Openai ChatGPT, personal communication, July 2023
- [7] Microsoft Bing, personal communication, July 2023

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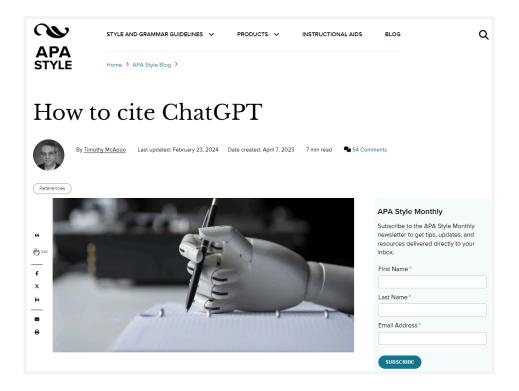
5. How to acknowledge AI usage



Many universities allow the use of chatbots if acknowledging their usage, and by following their guidelines.

APA7 describes referencing to AI usage here:

How to cite ChatGPT - https://apastyle.apa.org/blog/how-to-cite-chatqpt

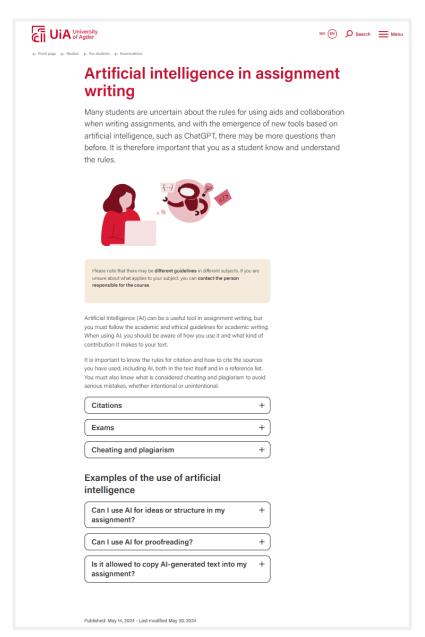




6. UiA Policies about Al



You find **UiA's policies** and rules here:





UiA: Is it allowed to copy AI-generated text into my assignment?:

From: https://www.uia.no/english/studies/for-students/examinations/ai-in-assignment-writing.html

Copying text from AI into your assignment without acknowledging it, is considered plagiarism, and it can have significant consequences. Therefore, you should always exercise caution when using artificial intelligence in your assignments.

Please be aware of the following:

- As a student, it is expected that you submit independently produced text. Submitting a text that is
 fully or partially generated by AI or others without proper acknowledgement is considered
 plagiarism.
- Language models generate text based on probability and commonly used phrases, which may result in text lacking your own academic and independent touch.
- It is also important to **be mindful and avoid sharing sensitive data or personal information** when utilising AI.

Even though you might insert a paragraph referencing the language model, it may not be advisable. It is difficult to precisely define when a text ceases to be an independent product. For example, if you include a paragraph to illustrate how AI can be used, you must clearly indicate in the text or a footnote which paragraph(s) were generated by AI and disclose the input you provided to the AI beforehand.

Remember that you are responsible for the content of your assignment, so it is essential to be meticulous in checking the content and references. There are examples of cases where language models have provided wrong facts or pointed to non-existent sources.

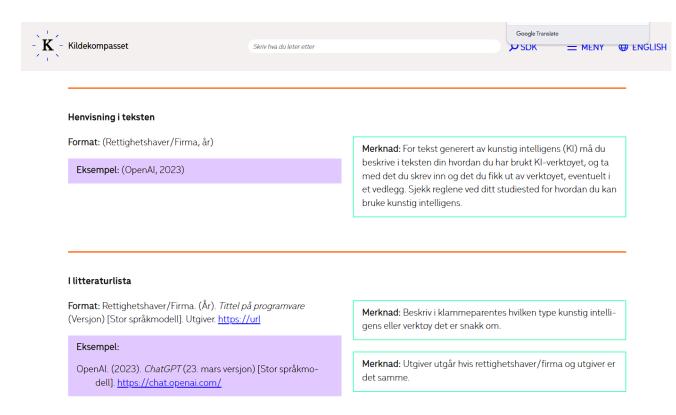
How to reference correctly

If you insert a text paragraph, you must mark it in a clear and correct manner, either in the text or a footnote. For example, This paragraph was generated with the help of [Name of Al tool], based on input: '[your specific request to the Al tool]'.

In your reference list, the reference to GPT UiO would look like this:

OpenAI. (2020). UiO GPT (Version GPT-3.5 Turbo) [Large language model]. University of Oslo. See more in the Citation Compass.





Source: https://www.kildekompasset.no/references/kunstig-intelligens-chatgpt-writesonic-mfl/



7. UiT Policies



SØK MENY



Images source: UiT.no

From: https://uit.no/eksamen#modal_811784 ← find all rules here

APA 7. reference to ChatUiT:

UiT Norges arktiske universitet. (2025). ChatUiT (Versjon GPT-4o, OpenAI) [Språkmodellprogramvare]. Hentet 22. mai 2025 fra https://chat.uit.no Eksempel i tekst: ...høyereordens tilbakemeldinger (ChatUiT, 2025).

"Velg fra eksemplene (tilpass til ditt arbeid). Plasser den på forsiden, i metode-delen eller på slutten — der det bes om det."

Nivå 1 — Kun menneskelig arbeid

Jeg bekrefter at ingen generativ-KI ble brukt på noe tidspunkt i arbeidet med denne innleveringen. All tekst er utelukkende min egen.

Nivå 2 — Idémyldring og språkvask

I dette arbeidet brukte jeg ChatUiT (GPT-40) i flere økter til å idémyldre avsnittsoverskrifter og språkvaske teksten. Jeg har gjennomgått, redigert og tar ansvar for all output generert av verktøyet.

Nivå 3 — Samskriving med KI

Verktøy brukt: ChatUiT (GPT-4o), 18. mai 2025.

- Formål: Genererte et førsteutkast til avsnitt 4 i litteraturgjennomgangen og feilsøkte mitt egenutviklede Python-skript for figur 2.
- Verifisering: Jeg kryssjekket alle siterte studier mot originalartiklene, og skrev om eller fjernet avsnitt som var unøyaktige eller uklare. For skriptet kjørte jeg enhetstester før og etter forslagene fra GPT-40 og inspiserte plottet manuelt — resultatene samsvarte med forventede verdier.



Forfatteransvar: Jeg har gjennomgått, redigert og tar fullt ansvar for alt KI-innhold jeg har beholdt.

Nivå 4 — Avansert KI-samarbeid

Verktøy brukt: Microsoft Copilot (GPT-4 Turbo), 20. mai 2025.

- Oppgaver delegert: utkast til metodeavsnittet «Datainnsamling»; genererte et Python-skript for å normalisere datasettet og lage figur 3; oversatte mitt norske sammendrag til engelsk; laget et førsteutkast til illustrert plakat.
- Verifisering: Jeg sammenholdt metodeutkastet med opprinnelig laboratorieprotokoll, redigerte for nøyaktighet og omformulerte fagtermer. Jeg kjørte skriptet på et lite, manuelt kontrollert datasett og bekreftet at de normaliserte outputene og figur 3 stemte med uavhengige beregninger. Jeg korrekturleste den engelske versjonen mot norsk original og rettet to feiltolkede uttrykk.
- Forfatteransvar: Jeg har gjennomgått, verifisert og tar fullt ansvar for alt KI-generert materiale som er beholdt i dette arbeidet.



8. Other university policies

(UiT The Arctic University of Norway

• <u>Use of artificial intelligence | UiT - https://en.uit.no/om/kunstigintelligens</u>

UNIVERSITETET I OSLO

 Artificial intelligence (AI) at UiO - University of Oslo https://www.uio.no/english/services/ai/

UiO points at KU Leuven and their information on:

Responsible use of Generative Artificial Intelligence

KU Leuven outlines responsible guidelines for using Generative Artificial Intelligence (GenAI) tools. They establish two core principles: students are fully responsible for their submissions and must ensure that assignments allow faculty to evaluate their acquired skills.

More see: "Responsible use of Generative Artificial Intelligence — Student at KU Leuven"



