# AI Text Detection and How to Better Address the Issue

**AUA CENTER for TEACHING & LEARNING**

AI text detection will be an ongoing "cat & mouse" game of trying to identify AI text as evasion techniques continue to develop, yet there are better ways to address the issue. Although many detection techniques are available, there are also many ways to evade these detectors. It is important that we show the importance of academic integrity by pursuing these detection technologies while at the same time focusing more on instructional processes and assessment types/procedures. Below is a list of Artificial Intelligence (AI) text detectors (free & paid). Be sure to consider privacy and data concerns with these tools as well.

**AI Text Detectors:**
- Writer AI Content Detector: https://writer.com/ai-content-detector (free)
- GPTZero: https://gptzero.me (free)
- AI Content Detector: https://copyleaks.com/features/ai-content-detector (free)
- DetectGPT: https://github.com/BurhanUlTayyab/DetectGPT (free)
- Sapling AI Detection: https://sapling.ai (free and paid option)
- Plagiarism Detector: https://copyleaks.com (paid)
- Open AI: ChatGPT (free and paid option)
- ChatGPT itself can detect if the essay was written by AI       *-Turnitin will be able to detect AI soon*

**Ways to Overcome AI Text Detection:**
- Adding a few low level human like mistakes (a few misspelled words or wrong punctuation
- Telling the AI to use a good amount of perplexity and burstiness in the text output (UseAI, 2023)
- Replacing the word "and" with "&"
- Using another AI paraphraser like qullbot.com

**Privacy Issues with AI Text Detection:**
Detection tools might use supplied text to train itself or simply to collect user information. Student-specific info should always be kept confidential, including their created content (especially personal/emotional content essays). Special care is needed whenever selecting and using AI detection systems.

**How to Better Address the Issue**
Instead of focusing only on detection, attention should also be on fully knowing students (their level of writing) and using additional dynamic assessment techniques. Inform student that you are aware of AI tools like ChatGPT, express the relevance/reasons why they are not to use AI for a particular assignment, but help them develop and use critical thinking whenever using AI. They need to critically understand how AI, what sources were used, if there is biased present, and understand that all AI results should be checked for logic and accuracy. Researchers, organizations (such as The Council of Europe, UNESCO, and the IEEE Standards Association), as well as Forbes reporters agree that students that do not properly develop this AI literacy skill will not be as effective in general and will not be as competitive or relevant in the modern world job market.

**References**
UseAI. (2023). Chat GPT — pass detection 100% human written with this prompt [Video]. YouTube.
https://youtu.be/Xgc-d7SO4OQ

For a more detailed explanation of the different concepts expressed in this document, see the article "AI Text Detection and How to Better Address the Issue."