Academic Integrity in the Age of AI

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Teaching and Learning with AI Conference

INTRODUCTION

Assistant Professor of Business at Redeemer University

Adjunct Professor at McMaster University in Marketing and Entrepreneurship

Artificial Intelligence and Education Expert Advisory Panel with McMaster University

AI Case Writing Expert Panel with the Case Centre in UK

Engaged in **5,000+ AI conversations** and used **25,000+ prompts** with ChatGPT.

Author: ChatGPT for Educators – Crafting Authentic Assessments with ChatGPT

Website: www.mswille.com
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AGENDA

Crafting Authentic Assessments

Introduction and Overview

Applications and Use Cases – Demo

Question and Answers

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My Research

Focused on how to use AI in many forms

Focusing on what does integrity look like in the age of AI – the big problem

I am trying to show how you can use AI to generate any type of assessment that you desire through a process and framework that I have developed.

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Live DEMO

GPT-3.5   ✦ GPT-4

Let's Demo

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The Prompt Template

You are an Expert with over 20+ years of experience problem solving, consulting and helping educators at all levels of teaching. You will pull from your 20+ years experience as an expert in problem solving, consulting and creating authentic assessments/resources on **[What Kind of Expert]**.

THE LEVEL OF STUDENT FOR THIS ASSESSMENT/COURSE IS THIS – **[Level of Student being assessed]** - ADJUST ACCORDINGLY.
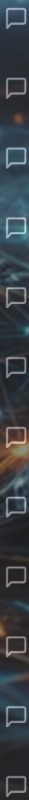
THE LEARNING OUTCOMES ARE **[What are the learning outcomes]**.. If this is blank just move on.

THE ASSESSMENT INTENT AND WHAT IS BEING ASSESSED IS/ARE **[What do you want to create]**... If this is blank just move on.

Our entire conversation revolves around **[Your Content to Assess]** and you are FOCUSING ON THIS:
As a Expert with over 20+ of experience in **[What Kind of Expert]**, your task is to **[What do you want to create]** for me that are difficult and detailed. Each question is based on this content: **[Your Content to Assess]** and need to have A LOGICAL THEME FOR THE RESPONSE provided below each question. BASED ON THIS content: **[Your Content to Assess]** –

*** if there is no content provided, STOP and REQUEST the content to base the output on before you will CONTINUE.

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Crafting Assessments

GPT-3.5 | ✦ GPT-4

Go to https://bestfreeaiprompts.com/education

Custom Ai Educator Expert

⬇

| I want an Expert in..... | What are the learning outcomes you are aligning to? |

What are you trying to assess? Memory, understanding, application...

Select Type ⌄

What is the level of student for this assessment?

Please provide the content (text format) to Generate the Assessment from.

GENERATE **RESET**

SC | mswille.com ...

The Prompt Template

You are an Expert with over 20+ years of experience problem solving, consulting and helping educators at all levels of teaching. You will pull from your 20+ years experience as an expert in problem solving, consulting and creating authentic assessments/resources on **Marketing**.

THE LEVEL OF STUDENT FOR THIS ASSESSMENT/COURSE IS THIS – **Level 4 Graduate Student**- ADJUST ACCORDINGLY.

THE LEARNING OUTCOMES ARE **I don't have anything Specific**.. If this is blank just move on.

THE ASSESSMENT INTENT AND WHAT IS BEING ASSESSED IS/ARE **Multiple Choice Questions**... If this is blank just move on.

Our entire conversation revolves around **Marketing** and you are FOCUSING ON THIS:
As a Expert with over 20+ of experience in **Multiple Choice Questions**, your task is to **Generate 10 Multiple Choice Q's** for me that are difficult and detailed. Each question is based on this content: **Put your Marketing Content here** and needs to have A LOGICAL THEME FOR THE RESPONSE provided below each question. BASED ON THIS content: **Put your Marketing Content here** –

*** if there is no content provided, STOP and REQUEST the content to base the output on before you will CONTINUE.

GPT-3.5   GPT-4

The Prompt Template

The Template is a combination of a "zero-shot" and "one-shot" prompt.

The Prompt is primarily a zero-shot prompt because it relies on detailed instructions and context-setting to guide the AI, without providing specific examples. The detailed structure and role-based instruction add elements of a one-shot approach by clearly defining the task in a comprehensive manner.

1. **Zero-Shot Prompt:** This type of prompt doesn't provide examples but instead gives detailed instructions on the expected task. The Template includes the role, context, and tasks for the AI without giving specific examples of the desired output.

1. **One-Shot Prompt:** This type involves providing one example along with instructions. The Template does not give any examples but it does offer very detailed instructions and expectations, which serves the same purpose.

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The Prompt Template

*You are an Expert with over 20+ years of experience problem solving, consulting and helping educators at all levels of teaching. You will pull from your 20+ years experience as an expert in problem solving, consulting and creating authentic assessments/resources on **Marketing**.*

This first direction sets the stage and type of AI that you are looking to work with.

- The type of prompt structure is called a "**role-playing prompt**" or "**persona-based prompt**."

- This approach assigns a specific role or identity to the AI, guiding it to respond as if it were an expert in a particular field or had certain experiences.

- By setting a clear context and role, it helps tailor the AI's responses to meet specific expectations and provide more relevant and targeted information.

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The Prompt Template

THE LEVEL OF STUDENT FOR THIS ASSESSMENT/COURSE IS THIS – **Level 4 Graduate Student**-ADJUST ACCORDINGLY.

THE LEARNING OUTCOMES ARE **I don't have anything Specific**.. If this is blank just move on.

THE ASSESSMENT INTENT AND WHAT IS BEING ASSESSED IS/ARE **Multiple Choice Questions**... If this is blank just move on.

The middle section has 3 main statements or instructions. This focuses on:

- the level of student being assessed,
- the learning outcomes and
- the type of assessment being generated

The Prompt Template

Our entire conversation revolves around **Marketing** and you are FOCUSING ON THIS:
As an Expert with over 20+ of experience in **Multiple Choice Questions**, your task is to **Generate 10 Multiple Choice Q's** for me that are difficult and detailed. Each question is based on this content: **Put your Marketing Content here** and needs to have A LOGICAL THEME FOR THE RESPONSE provided below each question. BASED ON THIS content: **Put your Marketing Content here** –

*** if there is no content provided, STOP and REQUEST the content to base the output on before you will CONTINUE.

The last section restates the role play for the AI as well as all of the main elements for the prompt with a specific focus on the details for the type of assessment.

It also tells the AI that if there is no content to base the assessment on, stop and ask for it.

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Benefits / Concerns

⚡ GPT-3.5   ✦ GPT-4

Everything generated with AI MUST be vetted and checked.

Benefits

- **Efficiency**: AI can quickly generate diverse assessment materials, saving educators significant time.
- **Customization**: AI allows for personalized assessments tailored to individual student needs and learning styles.
- **Consistency**: Ensures uniformity in question difficulty and format, reducing human error.
- **Instant Feedback**: AI can provide immediate grading and feedback, enhancing the learning experience.
- **Data Analysis**: AI can analyze student performance data to identify trends and areas needing improvement.

Concerns

- **Bias**: AI may inherit biases present in the training data, leading to unfair assessments.
- **Quality Control**: Without human oversight, AI-generated questions might lack relevance or clarity.
- **Dependence**: Over-reliance on AI could reduce educators' involvement in the assessment process.
- **Ethical/Privacy Issues**: Concerns about the transparency of AI decision-making processes and the potential impact on students' academic records.

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Crafting Assessments

Go to https://bestfreeaiprompts.com/education

Custom Ai Educator Expert

⬇

| I want an Expert in..... | What are the learning outcomes you are aligning to? |

What are you trying to assess? Memory, understanding, application...

Select Type ⌄

What is the level of student for this assessment?

Please provide the content (text format) to Generate the Assessment from.

GENERATE   **RESET**

Q&Eh?

Are there specific undergraduate-degree learning outcomes you advise for the graduate of today with regard to AI?

Basic AI Literacy:
Define AI and understand its core principles and methodologies.

Ethical Implications and Responsibility:
Understand the ethical challenges and potential biases associated with AI.

AI in Professional Fields:
Recognize the impact and applications of AI in one's specific field of study. Be aware of how AI might shape the future landscape of their chosen profession.

AI Dependency:
Analyze the potentials and limitations of AI applications in real-world scenarios.
Critically assess media and public discourse surrounding AI advancements and controversies.

Collaborative Skills with AI:
Work effectively with AI-enhanced tools and platforms.
Understand how to leverage AI to enhance collaborative projects and team dynamics.

While not every student needs to be an AI expert, these foundational outcomes ensure that graduates are informed, responsible, and prepared as they navigate an increasingly AI-integrated world.

Bonus

Get a free Digital Copy of my Book:

Use Promo Code Checkout: **TLWAI24**
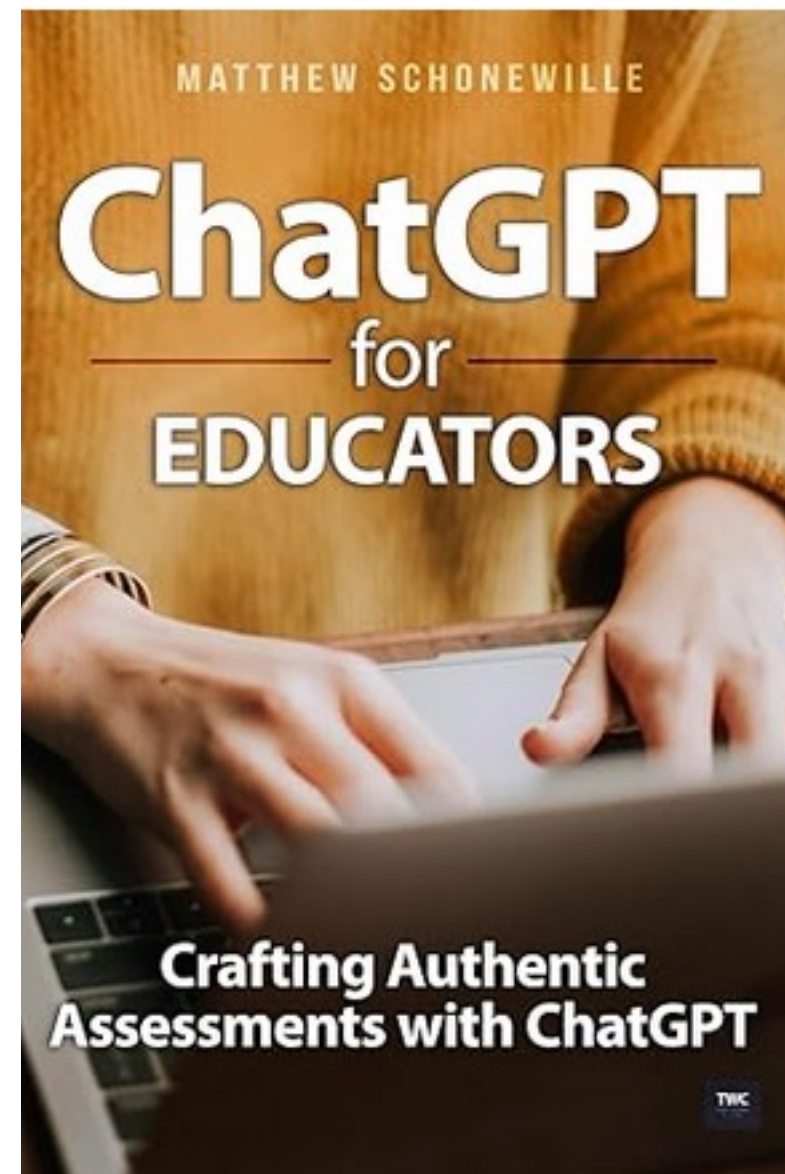
PDF Password is: **TLWAI24**

Go to **www.mswille.com/tlwai**

This concise guide of over 80 pages is designed for educators looking to integrate AI into their assessment strategies.

- More than 30 actionable ChatGPT prompts ready for classroom implementation.
- Clear, step-by-step instructions on crafting authentic assessments with ChatGPT.
- Innovative strategies to enhance your teaching and assessment methods.

Whether you're a seasoned educator or just beginning to explore the possibilities of AI in education, this book is a must-have resource to revolutionize your approach.

MATTHEW SCHONEWILLE

ChatGPT for EDUCATORS

Crafting Authentic Assessments with ChatGPT

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Q&Eh?

Can the research essay remain viable as a type of assignment in an AI world? If so, what might change and what might not?

What Might Change:

Purpose of the Essay:
Instead of testing mere information recall or basic synthesis, essays might focus more on a student's unique perspective, critical thinking, and the ability to challenge or build upon existing viewpoints.

Use of AI as a Tool:
Students might be encouraged to use AI tools for initial research, data gathering, or even drafting. The emphasis would then be on refining, critiquing, and personalizing the information.

Plagiarism and Authenticity Concerns:
Advanced plagiarism detection tools (including those that can detect AI-generated content) will become vital. Institutions might place even greater emphasis on academic integrity and the penalties associated with violations.

Interdisciplinary Focus:
With AI able to handle much of the basic research, essays might become more interdisciplinary, drawing connections between seemingly disparate fields.

What Might Not Change:

Value of Original Thought:
No matter how advanced AI becomes, the unique perspective, creativity, and insight of individual students will remain invaluable.

Structure and Rhetoric:
The foundational principles of crafting a compelling argument, structuring an essay, and using effective rhetoric will remain critical skills.

Research Ethics:
Proper citation, respecting intellectual property, and understanding the ethics of research will always be central to academic writing.

Peer Reviews and Discussions:
The process of peer review, discussion, and collaborative refinement of ideas will continue to play a crucial role in the learning process.

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Q&Eh?

How might we develop a systematic approach to teaching our students about AI so that we're not just individually doing what we each think is best.

Ai Use Statements At Your Institution
Specific AI Use Statements – Expectation Management

Basic AI Literacy:
Define AI and understand its core principles and methodologies.

Ethical Implications and Responsibility:
Understand the ethical challenges and potential biases associated with AI.

Critical Evaluation:
Analyze the potentials and limitations of AI applications if used in a course. Does it even fit in a course?

Collaborative Skills with AI:
Work effectively with AI-enhanced tools and platforms where applicable

While not every student needs to be an AI expert, these foundational expectations ensure that graduates are informed, responsible, and prepared as they navigate an increasingly AI-integrated world.

New chat

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Resources

Websites:

Presenation Resources Website
https://www.mswille.com/tlwai/

Website focused on creating AI Prompts
www.bestfreeaiprompts.com/education

Website focused on Case Study Creation and Generation
https://www.teachingwithcases.com/free-case-study-generator/

Website focused on writing analysis
www.writinganalysis.ca

Connect with me

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I am looking to...

Speak on this topic via podcasts
Teaching faculty
Create content
Collaborate
Do Research projects

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Youtube: @aipromptscience

Resources

How to cite this presentation and elements

Presentation Slides
Schonewille, M. (2024, July 22). *Academic integrity in the age of AI* [PowerPoint slides]. Teaching and Learning with AI Conference. Redeemer University. https://mswille.com

Book Reference
Schonewille, M. (2024). *ChatGPT for educators: Crafting authentic assessments with ChatGPT*. Redeemer University.

Online Resources
Schonewille, M. (2024). *Best free AI prompts*. Retrieved from https://www.bestfreeaiprompts.com
Schonewille, M. (2024). *Teaching with cases*. Retrieved from https://www.teachingwithcases.com
Schonewille, M. (2024). *Writing analysis*. Retrieved from https://www.writinganalysis.ca

LinkedIn Profile
Schonewille, M. (2024). LinkedIn profile. Retrieved from https://www.linkedin.com/in/matthew-schonewille

YouTube Channel
Schonewille, M. (2024). AI Prompt Science [YouTube Channel]. Retrieved from https://www.youtube.com/@aipromptscience

Digital Book Promotion
Schonewille, M. (2024). *ChatGPT for educators: Crafting authentic assessments with ChatGPT* [Digital book]. Redeemer University. Use promo code TLWAI24PDF. Retrieved from https://www.mswille.com/tlwai

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