



Using GenAI tools in the creation of learning resources

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Framework for using GenAI in professional contexts.

Being able to communicate what guides my use of GenAI within professional contexts may help me discuss and guide student use in educational contexts and link university practice to post-university practice.



Task: Develop an online resource for GR Supervisors on advising GRs with respect to GenAI and writing. Include summary of UoM policy and advice for writing with GenAI.

Turn around: 3 weeks

Can GenAI help? Probably

Can I use GenAI? Yes

What should I use GenAI for???


Now write content for an online module that covers the material supervisors need to know about GenAI with a specific focus on writing. The module should have a generic GenAI literacy section that should address issues shared by all disciplines. Then there should be a section on how to advise GRs on writing and editing with GenAI tools. The content should be pitched to a high level of education and take about 12 minutes to get through. Start with a table of contents outlining the content.



Online Module: Supervising Graduate Researchers in Writing with GenAI Tools

Table of Contents

1. Introduction

- Overview of GenAI in Research Writing 
- Learning Objectives

Offloading

Ethics

What policy or framework governs this task?

Enhancement

Capabilities

What do I want to be able to do?

Offloading

Policy/Frameworks:

- Intellectual property
- Data privacy
- Professional standards

Can I upload policy from UoM if it is on the open web?

Do I want to use student examples?

What are my professional obligations to check content and disclose to use of GenAI?

Now take all the risks and produce the underpinning issues with GenAI that give rise to these risks.



Here are the underpinning issues with GenAI that give rise to the risks identified in the tasks for graduate researchers (GRs):

1. Over-Reliance on AI

- **Issue:** Users may become dependent on AI tools, reducing their critical thinking, creativity, and original problem-solving capabilities.
 - **Risks Arising:** Unoriginal research topics, superficial synthesis, lack of independent scholarly effort.
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2. Lack of Contextual Understanding

- **Issue:** GenAI tools lack deep contextual awareness and may oversimplify or misrepresent complex disciplinary norms, ethical considerations, or cultural nuances.
- **Risks Arising:** Misrepresentation of specialist knowledge, ethical breaches, oversimplification of key ideas, inappropriate solutions.

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Knowledge/Capabilities

What do I want to know or do?

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OK to use GenAI for:

- ❖ Ideation/brainstorming
- ❖ Providing examples or case studies
- ❖ Expression (analogies or metaphors)

Enhancement

Capabilities:

- Knowledge of GenAI in the GR context
- Effectively communicate with supervisors

I need to be able to:

- ❖ Effectively communicate the content
- ❖ Evaluating AI capabilities and affordances
- ❖ Communicate my use of GenAI

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Thank you



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