
RUN LEARNING AND TEACHING AWARDS 2024

Name: Ryan Worn

Institution: Federation University

Title: Generative AI as a shortcut to more effective learning

Abstract: It is estimated that 65% of primary school-aged children will work in yet-to-be-created careers involving augmented reality, data analytics and artificial intelligence. For teaching academics, this creates a challenge, as it is difficult to prepare students for careers that have not been invented. Additionally, many academics are reluctant to embrace new technologies, and engage with Artificial Intelligence (AI). Rather than fear change, students in Applied Biomechanics were instructed to use Generative AI (Copilot/Gemini) to create a literature review proposal using specific prompts, evaluate the quality of the AI output using the CRAAP and SPACE frameworks and edit the output to create a Literature Review submission.

This process reduced student procrastination directed students toward topics to investigate, and reduced the time needed for broad searches. For future iterations, students will be required to use generative image and language-based AI to create infographics which will be edited for accuracy and content depth. Creating these infographics will teach students to rapidly create engaging and accurate content that can be shared on social media.