

PSPTIS130 – Use Translation Technology

Unit Overview

PSPTIS130 – *Use Translation Technology* equips students with the practical skills and professional judgement required to use contemporary translation technologies effectively in professional translation practice. Students learn how to select, operate and evaluate a range of translation technologies to improve productivity while maintaining translation quality, accuracy and consistency. This reflects the purpose of the unit as described in the national Training Package.

As part of AIL's commitment to delivering industry-relevant training, this unit incorporates Artificial Intelligence (AI), Machine Translation (MT) and Interpreting Technology Literacy, addressing the additional course content requirements for NAATI Endorsed Qualifications.

Students explore the evolving role of artificial intelligence and translation technologies in professional practice, including:

- the capabilities and limitations of Generative AI, MT and Computer-Assisted Translation (CAT) tools
- selecting appropriate technology for different translation tasks
- developing effective prompting techniques to improve AI-assisted translation outputs
- evaluating AI-generated translations for accuracy, completeness, consistency and cultural appropriateness
- post-editing machine-translated text to meet professional and client expectations
- identifying hallucinations, mistranslations and other AI-generated errors
- protecting client confidentiality, privacy and sensitive information when using AI tools
- understanding the ethical and professional responsibilities associated with AI-assisted translation
- maintaining translator responsibility for the quality of the final translated product.

Technology in Professional Practice

Students gain hands-on experience using a variety of translation technologies commonly adopted within the language services industry. Depending on the learning activities, this may include:

- Computer-Assisted Translation (CAT) tools
- Translation Memory (TM)
- terminology management and glossary development
- Machine Translation (MT) systems
- Generative AI applications
- document formatting and quality assurance tools
- research resources and terminology databases.

Rather than viewing AI as a replacement for professional translators, students learn how to critically evaluate and appropriately integrate technology into professional workflows while

applying human judgement, ethical decision-making and quality assurance throughout the translation process.

By the end of this unit, students will be able to make informed decisions about when and how translation technologies should be used, understand their benefits and limitations, and apply AI and translation technologies responsibly in accordance with current industry expectations and professional standards.



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