# LANG 2047 TRANSLATION TECHNOLOGIES

**Credit Points** 10

**Legacy Code** 101302

**Coordinator** Anita Byrnes (https://directory.westernsydney.edu.au/search/name/Anita Byrnes/)

**Description** This subject aims to equip students with the theoretical and practical knowledge needed to effectively apply information and communication technologies to translation and other language related tasks. It focuses on translation memory and terminology management systems, and on the workflow involved in the handling of multilingual content. Emphasis is also put on uses of the Internet as a resource tool, and to the principles of controlled language for text to be processed by machine translation (MT). Tutorials will be conducted in a computer lab where students will familiarize themselves with leading computer-assisted translation (CAT) software applications.

**School** Humanities & Comm Arts

**Discipline** Translating and Interpreting

**Student Contribution Band** HECS Band 1 10cp

Check your fees via the Fees (https://www.westernsydney.edu.au/currentstudents/current_students/fees/) page.

**Level** Undergraduate Level 2 subject

**Equivalent Subjects** LGYA 0191 - Translation Skills

## Learning Outcomes

On successful completion of this subject, students should be able to:

1. Apply computer-aided translation (CAT) and related concepts and examine their place in the broad area of translation studies.
2. Examine in depth the fields of translation memory (TM) and terminology management, showing the skills required to compare applications and make informed judgments.
3. Describe the workings of one of the leading TM software packages and develop transferable troubleshooting strategies.
4. Explore the possibilities and limitations of machine translation (MT) by looking at the relevant literature and by analysing the outcome of some of the freely available engines on the internet.
5. Consolidate your expertise in internet mining, in particular for parallel corpora, terminological data and subject matter information.
6. Outline the workflows involved in multilingual content management, and explore the big-picture concepts of globalisation, internationalisation and localisation.

## Subject Content

1. Overview of the principles of language engineering, and computer-assisted translation.
2. Basic 'generalist' computing skills of particular relevance to translators, in particular those related to data digitalisation, exchange and protection.
3. Desktop TM: components, workflow, and useful troubleshooting strategies.
4. Server TM: open standards for database content exchange, interface with multilingual content management.

5. Capabilities and limitations of MT (Machine Translation) engines and AI tools.
6. The principles and practice of writing in controlled language for TM and MT.
7. Internet mining for parallel corpus, terminology data and specific subject matter.

## Assessment

The following table summarises the standard assessment tasks for this subject. Please note this is a guide only. Assessment tasks are regularly updated, where there is a difference your Learning Guide takes precedence.

| Type | Length | Percent | Threshold | Individual/ Group Task | Mandatory |
|---|---|---|---|---|---|
| Quiz | equivalent of 3 hours | 20 | N | Individual | Y |
| Report | 1,000 words | 40 | N | Individual | Y |
| Practical Exam | 1,000 words | 40 | N | Individual | Y |

Teaching Periods

## Autumn (2025)
### Parramatta - Victoria Rd
**On-site**
**Subject Contact** Anita Byrnes (https://directory.westernsydney.edu.au/search/name/Anita Byrnes/)

View timetable (https://classregistration.westernsydney.edu.au/odd/timetable/?subject_code=LANG2047_25-AUT_PS_1#subjects)