

The top of the page features a decorative header. On the right, a black rectangle contains the white text 'AUT'. The background is a gradient of orange and yellow, with a pattern of triangles of various sizes and orientations scattered across it.

**AUT**

# **Demonstration of the AUT LaTeX Template**

Academic-style Usage Example

V 1.0 21 October 2025

This document illustrates academic usage of the AUT LaTeX template.

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## Executive Summary

This document serves as a demonstration of the AUT LaTeX template for academic reports and projects. It illustrates the structure of a professional document, including the use of front and back covers, summaries, sections, figures, tables, and bibliographic references. The example also demonstrates the application of scholarly writing practices within the template environment.

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# 1. Introduction

The `aut_document` class is designed to facilitate the preparation of academic documents within AUT. By providing structured formatting for titles, authors, covers, summaries, and main content, it allows authors to produce consistent, professional-quality documents. This template is suitable for assignments, project reports, and research papers. Moreover, it supports bibliographic references using `biblatex`, enabling proper citation of sources.

## 2. Template Features

The template includes multiple environments that help authors organize content efficiently. Key features include:

- A front cover with customizable course/project information and cover text.
- A summary or abstract environment for concise exposition of the work.
- Automatic generation of a table of contents to enhance navigability.
- Support for figures and tables with captions and labels for cross-referencing.
- Integration with bibliographic databases for automatic citation formatting.

## 3. Illustrative Examples

### 3.1. Tables

Tables can be used to present structured data. Table 1 shows a sample dataset with participant information and scores. Note that captions appear above tables, following academic conventions.

**Table 1:** Example Table in AUT Template

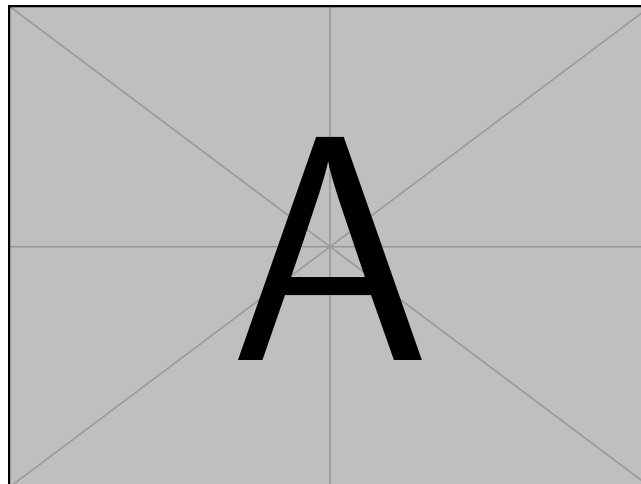
Name	Age	Score
Alice	22	85
Bob	24	90
Charlie	23	88

### 3.2. Figures

Figures can support textual descriptions and results presentation. Figure 1 demonstrates integration of graphics within the template. Captions should appear below figures, and axes should be labeled clearly with words and units.

### 3.3. Citations and Academic Writing

Proper citation of references is crucial for scholarly writing. The AUT template supports `biblatex`, allowing in-text citations using `\parencite{}`. For example, prior research has demonstrated the effectiveness of structured project management (Smith, 2023) and productivity systems (Jones, 2024). Maintaining accurate citations ensures that credit is appropriately given and enhances the credibility of the work.



**Figure 1:** Example figure demonstrating integration of graphics in the AUT template.

## 4. Conclusion

This demonstration illustrates the key functionalities of the AUT LaTeX template in an academic writing context. By using this template, authors can structure reports professionally, include figures and tables, and manage references effectively. The template promotes clarity, consistency, and adherence to scholarly conventions, providing a robust foundation for academic documents.

## References

- Jones, E. (2024). Advances in personal productivity tools. *Journal of Productivity Studies*, 12(3), 45–60.
- Smith, J. (2023). *Agile project management in practice*. Springer.

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Version V 1.0

Submitted for coursework requirements

This document was prepared as part of the course requirements at AUT. Any errors are unintentional. References have been properly cited. Feedback or comments are welcome via email.



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