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# Mastering Business Mathematics Course

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## EXECUTIVE SUMMARY

"Bengkel Bimbingan Matematik 2024", a specialised workshop for the Business Mathematics course, was held at UiTM Negeri Sembilan Branch, Rembau Campus, on January 10, 2025, targeting repeater students and those facing difficulties in mathematics. The aim of this workshop is to provide additional guidance outside regular lecture hours, enabling students to be better prepared for the exam. Sixty-one students participated in the workshop, and the feedback was overwhelmingly positive.

## INTRODUCTION

Business Mathematics (MAT112) is a course offered in the first semester for UiTM undergraduate students in selected programs who need a basic understanding of mathematics concepts and their practical applications in business. During the October 2024 – February 2025 semester, a relatively high number of students are enrolled in the first semester at the Rembau Campus. In the first semester of their studies, students are still adapting to university life. Besides, some students were repeating the course for the third time, making it their final opportunity to avoid expulsion from the university. Due to this, the College of Computing, Informatics & Mathematics (KPPIM), Rembau Campus, organised a workshop on January 10, 2025, from 2:30 pm to 5:30 pm and was funded under Tabung Amanah Pembangunan Akademik Pelajar (TAPA) by Hal Ehwal Akademik (HEA) UiTM Rembau Campus. All repeaters and students who scored low in the first assessment conducted in Week 5 were selected to attend the workshop. Despite this, only 61 of the 65 students attended the workshop.



Figure 1: The activities throughout the program

The workshop was successfully conducted with the support of three mathematics lecturers as speakers for three different rooms, including Dr. Siti Hidayah Muhad Saleh and Puan Nor Hilaliyah Binti Mohd Jamil from the Seremban Campus. During the workshop, students had the chance to dive into past questions with guidance from experienced lecturers (Figure 1). The interactive and practical approach allows them to practice their problem-solving skills and resolve any confusion they may experience throughout their learning. In order to maintain engagement and boost participants' motivation, a short quiz competition was conducted at the end of the workshop, as depicted in Figure 2.



Figure 2:  
Quiz winners pose for photos with their respective speakers

## RESULTS /ACHIEVEMENTS



Figure 3: Wordle of responses from workshop participants

There are some Malay comments regarding suggestions for future improvements from participants, as shown in Figure 3. In general, participants expressed satisfaction with the content of the workshop. Words like "*baik*" (good), "*sangat membantu*" (very helpful), and "*membangkitkan semangat*" (uplifting spirit) indicate strong approval. Thus, the workshop was well-received and proved to be a valuable learning experience.

## CONCLUSION

*Bengel Bimbingan Matematik 2024* is an essential program for fostering students' comprehension and proficiency of mathematical ideas, specifically in Mastering Business Mathematics courses, which directly enhances their academic achievement and personal growth. This workshop's individualized support is in line with UiTM's mission to become a preeminent international university that provides inclusive, creative, and easily accessible education. It also reflects UiTM's objective to generate graduates who are entrepreneurial, well-rounded, and prepared to take on the challenges of the contemporary world.

This workshop's dedication to student achievement and academic performance plays a vital role in the university's efforts to achieve the UiTM2025 goal, which focuses on creating innovative, high-impact learning environments while also supporting the Learning Outcomes of the Business Mathematics Programme. *Bengkel Bimbingan Matematik 2024* is a prime example of UiTM's commitment to making sure students are ready to succeed in their academic endeavours, encouraging a culture of lifelong learning, and supporting the growth and development of the country as it advances in the age of knowledge-driven advancement.