

## CHAPTER OVERVIEW

### Chapter 7 Lecture Notes

In chapter 7, we will learn the sampling distribution of sample mean. Central Limit will be introduced to understand the distribution of sample mean. Application of Central limit for sample mean and for sum will be used to solve applications of mean and sum of Continuous Random Variable.

By the end of Chapter 7, students should be able to:

- Understand Central Limit Theorem and how it can be used to model sampling distribution of sample mean and sample sum.
- Apply Central Limit Theorem to solve application problems.

[Ch 7.1 Central Limit Theorem for Sample Means](#)

[Ch 7.2 Central Limit Theorem for Sample Total](#)

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