Title of Section

This section provides an overview of the chapter contents.

1   Definitions

Definition 1.1 (Definition 1)**.** Description of the definition.

2   Theorems and Proofs

Theorem 1.1: Statement of the theorem.
  Proof: Provide the proof here. For example:

$$E = mc^2$$

End of proof.

3   Notes

Additional remarks or observations about the chapter.

4   Exercises

If you're taking notes on exercises:

  Exercise 1: Description of the exercise.
  Solution: Provide solution if applicable.