

Lecture Notes Example

MATH 2243

2025-10-23

1 <YYYY-MM-DD> — <topic here>

Warm-up Sweep

- Capture quick bullet points here.
- **Tag:** Use the optional argument to emphasize a lead word.

Main Topic

- Reference earlier sections inline --- see Section 1 for the baseline sweep.
- **Action:** Drop follow-up actions or TODOs that surface during the lecture.

DEFINITION 1 *Optional subtitle*

Drop a grayscale definition box here whenever you need lightweight structure in your intake notes.

THEOREM 1 *Optional subtitle*

Use the theorem block for rules-of-thumb or ad-hoc proofs that are easier to keep near the raw lecture log.

Example 1

Optional subtitle

Keep scratch derivations or numeric sanity checks in this example box.

Tip: Add `\label \{...\}` inside any lecture block (e.g., Definition 1) to cross-reference it from chapters or appendices.