

Technical Lecture Reflections

A technical lecture reflection will be due on the Friday of each week that there is a Monday lunch-slot technical lecture. It is your responsibility to ensure that the work is complete and turned in according to the turn-in instructions. Any deviation from the instructions will result in point deductions.

Turn-In Instructions

- Submit via Populi pdf upload.
- **Due: Fridays at 11:59 PM.** Late work will **not be accepted**, and you will receive a **score of zero**.
- We are all busy. To account for this, you can miss one reflection and not be penalized. In other words, if we have N reflections throughout the term, you are only required to turn in N-1.

Scoring Rubric

Category	Points
Clarity and completeness of lecture summary	10
Depth of connection to Feynman Lectures	10
Quality of reflection and insight	10
Overall organization and writing	5

Total: 35 points per reflection.

Part 1: Lecture Summary (approx. 300–500 words)

- **Identify the Speaker and Topic:**

Include the speaker's name, title, affiliation, and the title of the talk.

- **Describe the Central Theme:**

What was the core idea or question the lecture aimed to address?

- **Summarize the Content:**

Briefly describe the key concepts, methods, or findings presented.

Include any technical highlights or visual demonstrations (e.g., diagrams, simulations, data presentations) that helped explain the topic.

- **Reflect on the Presentation:**

What did you find most compelling or challenging? Were there moments where your understanding deepened or where you felt confused? Why?

Part 2: Connection to *The Feynman Lectures on Physics* (approx. 300–500 words)

- **Identify Relevant Chapters:**

Search through [The Feynman Lectures on Physics](#) (Volumes I–III) and identify the chapter(s) that most closely relate to the topic of the lecture.

Note: If there is no direct match, choose the best conceptual fit.

- **Describe the Connection:**

Explain how the chosen chapter(s) relate to the content of the lecture.

Focus on similarities in concepts, frameworks, or physical principles.

- **Highlight Specific Equations or Diagrams:**

Choose at least one equation or diagram from the chapter that you think applies to the lecture's subject matter.

Explain:

- What the equation/diagram represents
- Why it is relevant to the talk
- How it helped you understand the lecture material more deeply

- **Comment on Differences (if applicable):**

If the chapter and lecture differ in framing, assumptions, or context, briefly discuss those differences and what they reveal about the application of physics in different fields.