

Cornell Guided Notes

Principles of Biomedical Technology (Principles of Biomedical Science) | 2026-12-16

Name

Period

Date

Lesson

Lesson focus

Submit tracker and evidence

Key words and questions

Prepared details and student notes

Essential question
What is today's target?

Students finalize and submit the device innovation package and update the tracker. Big idea: A complete innovation package documents the full engineering cycle: from design goal through test data through iteration proposal.

My notes, examples, and questions

Key words
What vocabulary unlocks the lesson?

- prototype
- constraint
- criterion
- CAD
- iteration
- stent
- prevention
- test plan

My notes, examples, and questions

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Cornell Notes - Continued

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Must-know ideas
What should I understand by the end?

- A complete innovation package includes model specifications, the three-trial data table, CER, and tracker as four distinct artifacts.
- Sources in engineering design include the design brief, the SOP, and any reference specifications used.
- A tracker confidence rating on engineering design and biotechnology tells you which WebXam 072110 topics need focused review.

My notes, examples, and questions

Process notes
What happens during class?

- 0-10 min: Gather model specs, data table, and CER; organize into one labeled package.
- 10-30 min: Rubric self-check: four artifacts present, design goal addressed, iteration proposal included.
- 30-45 min: Add source citations (design brief, SOP) and unresolved-limitation notes.
- 45-60 min: Update tracker: status, confidence on engineering design and biotechnology, one reflective note.
- 60-75 min: Submit package in Schoology; save confirmation.
- 75-80 min: Preview innovation-synthesis unit; write one question about frontier biomedical technology.

My notes, examples, and questions

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Cornell Notes - Continued

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Steps and evidence What do I do and turn in?

- Compile the model specs, trial data, and CER into one labeled file.
- Check the package against the rubric for completeness and vocabulary.
- Cite sources and note unresolved limitations.
- Update the project tracker with status and a confidence rating.
- Submit the package through the course portal on time.

Evidence: Tracker entry - Updated project tracker with innovation-unit status, confidence rating on engineering design and biotechnology, and one reflective note, linked to the four-artifact evidence package.

My notes, examples, and questions

Checks for understanding How do I know I got it?

- Submit a complete, rubric-aligned package on time.
- Tracker reflects accurate status and a limitations note.

My notes, examples, and questions

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Cornell Notes - Continued

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Lab or safety notes
What must I handle carefully?

Supplies:

- Prototype materials such as tubing, mesh, or modeling clay
- Ruler or calipers
- Stopwatch or timer
- Pressure or flow test setup
- Safety goggles
- Data recording sheet
- Design notebook

My notes, examples, and questions

Summary

Today's lesson focused on Submit tracker and evidence. The main target was: Students finalize and submit the device innovation package and update the tracker. The evidence of learning is Tracker entry: Updated project tracker with innovation-unit status, confidence rating on engineering design and biotechnology, and one reflective note, linked to the four-artifact evidence package.. In my own words, the most important idea from today is:

My summary

My final question or connection