Cornell Guided Notes

Principles of Biomedical Technology (Principles of Biomedical Science) | 2026-10-13

Name	Period	Date	Lesson
		2026-10-13	

Lesson focus

Submit clinical data

Key words and questions	Prepared details and student notes
Essential question **What is today's target?**	Submit your bloodwork graph and trend analysis CER to the unit tracker. Big idea: A complete clinical-data packet makes a longitudinal argument: the graph is the evidence, the CER is the interpretation, and the limitations statement shows intellectual honesty. **My notes, examples, and questions**
Key words **What vocabulary unlocks the lesson?**	- blood glucose - cholesterol - risk factor - telehealth - wearable - monitoring - normal range **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 time-series graph submitted without the normal range band marked is missing the clinical reference frame that makes the data interpretable. - The CER must reference specific data points (e.g., 'the glucose reading at month 12 was 145 mg/dL, which is above the 99 mg/dL upper normal limit') to be scientifically credible. - Self-assessment against success criteria in a clinical-data context reinforces the habit of auditing your own documentation before it enters a patient record. **My notes, examples, and questions**
Process notes **What happens during class?**	- 0:00: Project the tracker checklist; walk through each required item - 0:10: Work time: finalize and upload the time-series graph; verify normal range band, labeled axes, and connected data points - 0:28: Work time: upload Thursday CER; verify a specific data point is cited and a limitation is stated - 0:45: Confirm variables and limitations are documented in the notebook and tracker - 0:58: Self-assessment form: check each success criterion; flag any item not fully met - 1:08: One-sentence share: what would change your clinical interpretation of this patient's trend? **My notes, examples, and questions**

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Steps and evidence **What do I do and turn in?**	- Review the tracker checklist for clinical-data deliverables. - Upload your time-series bloodwork graph with normal ranges marked. - Attach your trend-analysis CER. - Confirm variables and limitations are documented. - Self-assess against success criteria and flag gaps. Evidence: Tracker entry - Complete clinical-data packet: time-series graph with labeled axes, units, and normal range band; Thursday CER with cited data point and trend reasoning; variables/limitations documentation; and self-assessment form. **My notes, examples, and questions**
Checks for understanding **How do I know I got it?**	- I can submit a complete clinical-data packet. - I can verify my work against a checklist. **My notes, examples, and questions**

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Lab or safety notes **What must I handle carefully?**	Supplies: - Simulated blood panel data sheets - Normal-range reference chart - Calculator - Glucose meter demonstration kit - Wearable device or fitness tracker (demo) - Lab notebook for the monitoring plan **My notes, examples, and questions**

Summary

Today's lesson focused on Submit clinical data. The main target was: Submit your bloodwork graph and trend analysis CER to the unit tracker. The evidence of learning is Tracker entry: Complete clinical-data packet: time-series graph with labeled axes, units, and normal range band; Thursday CER with cited data point and trend reasoning; variables/limitations documentation; and self-assessment form.. In my own words, the most important idea from today is:

My summary

My final question or connection