

The HBS extra credit pack

Four items you can do on your own time, in any order

Four class days came off the Human Body Systems calendar so that four denser lessons could have the block instead. The four that moved are in this pack. They are not filler and they are not punishment reading. Three of them are the ethics debates that open a unit, and every one of them is worth doing.

OPENS WHEN THE PACK IS ANNOUNCED

SELF-PACED

SUBMIT ANY DAY

WRITTEN WORK ONLY

What moved, and what took its place

Human Body Systems runs 57 class days at John Hay. PLTW writes the course for 160 and says in its own outline that it holds more material than a teacher new to it will finish. So every day on our calendar is a day something else does not get.

Four lessons in this course were written, scheduled, and then handed to you as 25 minutes of homework the night before the lab that needed them. Those four are the densest content in HBS. They now have a full block each, two to three days ahead of their lab, and the four days they displaced are the four items in this pack.

DATE	CAME OFF THE CALENDAR	TOOK ITS PLACE	THE LAB IT NOW RUNS AHEAD OF
8 March	Revising the plan with feedback	Neuron parts and the synapse	Sheep brain or virtual dissection, 11 March
29 April	Ethics Monday: vaccine mandates	Innate and adaptive immunity	Modeling the antigen-antibody response, 3 May
5 May	Ethics Monday: extreme environment risk	Pathogen transmission and antiviral action	Simulated plaque assay and eye dissection, 7 May
11 May	Kidney transplant and dialysis access	Nephron structure and filtration	Urinalysis and enzyme digestion labs, 13 May

THE TRADE, IN ONE LINE

You lost four class discussions and gained four full blocks of anatomy, physiology and clinical vocabulary that you were previously expected to absorb from 25 minutes of homework the night before a lab. The four discussions are here, in full, with the same readings and the same writing task.

Your printed calendar still lists those four as night-before prep, because the calendar in your binder was issued before this change. Do them. Coming second, after the class block, they are review of something you have already been taught rather than your first meeting with it, and a reissued calendar will drop them.

The honest note about the exam

Human Body Systems is assessed by Ohio WebXam under course code **072040**, Human Anatomy and Physiology. That exam is weighted like this:

SHARE OF THE EXAM	DOMAIN	WHAT IT LOOKS LIKE
27.55%	Human Anatomy, Physiology, and Pathophysiology	Structures, how they work, what goes wrong
23.47%	Evaluate Body Systems	Taking and reading a measurement: spirometry, EKG, range of motion, urinalysis
15.31%	Medical Terminology	Word parts, directional language, clinical vocabulary used correctly
13.27%	Microbiology Testing and Technology	Pathogens, immunity, staining, plaque counts
8.16%	Molecular and Genetic Technology	Gels, DNA fragments, genetic markers
8.16%	Culturing	Growing and handling organisms and cells
4.08%	Laboratory Standard Operational Procedures	PPE, protocol, waste, documentation

WHERE THESE FOUR ITEMS SIT ON THAT TABLE

Nowhere. There is no ethics domain and no care-planning domain on 072040. All four items in this pack score zero against it, and that is exactly why they were the ones that moved.

That is a statement about one state exam. It is not a statement about the work. Deciding who gets a kidney, arguing a vaccine mandate, and revising a care plan after somebody finds the flaw in it are the parts of this job people actually do, and none of them show up on a 40 item multiple choice test. Do them because they are the reason the anatomy matters, not because they will be scored in May.

What each item costs

Point values are announced when the pack opens and are printed on the portal, not here. What is settled now is the size of each item, so you can plan.

ITEM	TIME	SITTINGS	DEPENDS ON EARLIER WORK
1. Who gets the kidney	60 to 75 minutes	One	No
2. Who pays for the rescue	60 minutes	One	No

ITEM	TIME	SITTINGS	DEPENDS ON EARLIER WORK
3. Should vaccination be required	75 to 90 minutes	One, or two if you split the arithmetic	No
4. Revise the rehabilitation plan	90 minutes	Two	Yes. You need your own Week 7 plan

ITEM 4 IS THE ONE TO CHECK BEFORE YOU START

Items 1, 2 and 3 need nothing but this pack and a device that opens the linked reading. Item 4 needs the rehabilitation plan you built in Week 7. If you cannot find it, ask for a copy of your submission before you begin, because the whole task is revising it and you cannot revise a plan you do not have.

Ground rules

- **Extra credit is on top of class work, not instead of it.** If you have missing assignments, do those first. They are worth more.
- **Any order, any pace.** Do one in April and another in May if that is how your life works.
- **Your own words.** A position you copied is not a position. These items are graded on whether your reasoning holds up, and copied reasoning falls over the first time it is questioned.
- **There is no answer key for an argument.** Every item here asks you to take a position and defend it. Two students can reach opposite conclusions and both earn full credit. What is not optional is naming your evidence and naming what your position costs somebody.

How to submit

- **Where it goes.** The same place as everything else. Your class form on the portal, or handed to Mr. Mendoza in person. Extra credit does not need a different route.
- **What to hand in.** Your written pages. Photographs of handwritten pages are fine. A photograph you cannot read is not.
- **Put your name and period on every page and in every photograph filename.** Unlabelled work cannot be credited, and it is the most common way points get lost.
- **When.** Any day after the pack opens, up to the last week of the semester. There is no deadline inside that window and no penalty for going slowly.
- **Feedback.** You get it back with a note. If a piece is short of full credit you may fix the named thing and resubmit once.