Video	Time From Start, min:sec	Correction
1	0:02	The course numbers of EPP courses were recently changed to be consistent with the JHU course numbering system. This course was once EN 585.405, now it is EN 585.601; these videos (and the accompanying slide sets) have not yet caught up with the course numbering changes. So - same course (and content), different course number.
1	N/A	No other known errors in Video 1 of Module 1. If you find an error please report it to the Instructor.
2	0:03	See comment for Video 1 at 0.02.
2	8:33	“Bi-lipid membrane” - should be “bilayer membrane” or “lipid bilayer membrane”.
2	N/A	No other known errors in Video 2 of Module 1. If you find an error please report it to the Instructor.
3	0:04	See comment for Video 1 at 0:02.
3	3:14	The purple triangular structure is a cartoon that represents the transport protein.
3	3:24	The change in conformation (of the transport protein) may be caused by the binding of the substance to be transported to a binding site in/on the transport protein, or by a change in membrane voltage, or by the binding of a ligand to the external surface of the transport protein, or by the binding of a ligand to a receptor on the external surface of the membrane “near” to the transport protein.
3	4:42	The binding sites for sodium are exposed to the inside of the cell at this time (prior to the conformal change in the transport protein).
3	N/A	No other known errors in Video 3 of Module 1. If you find an error please report it to the Instructor.
4	0:04	See comment for Video 1 at 0.02.

Video	Time From Start, min:sec	Correction
4	N/A	No other known errors in Video 4 of Module 1 If you see an error please report it to the Instructor.
5	0:04	See comment for Video 1 at 0.02.
5	N/A	No other known errors in Video 5 of Module 1 If you see an error please report it to the Instructor.
6	0:06	See comment for Video 1 at 0.02.
6	N/A	No other known errors in Video 6 of Module 1 If you see an error please report it to the Instructor.
7	0:04	See comment for Video 1 at 0.02.
	1:27	“Well mixed, uniform” when speaking of intracellular and extracellular solutions. This assumption is not strictly (or even close to being) true, in that there are various particulates in intracellular fluid; as well the intracellular space is, to some extent, compartmentalized - see video 2, slide 1. As for the extracellular space, in some (but not all) cells there is a glycocalyx (e.g., video 2, slides 4, 5, and 6) immediately adjacent to the extracellular side of the cell membrane; its fluid composition is likely different from the extracellular fluid further away from the cell membrane. Still, for the purposes of our derivation, and for the level of difficulty of this course, the assumption regarding well-mixed, uniform (different, intracellular vs. extracellular solutions, but uniform within each separate solution) is a valid one.
7	N/A	No other known errors in Video 7 of Module 1 If you see an error please report it to the Instructor.