

Built from the older materials in other folders and updated, this course was taught for 3 terms (from 2019-2021) by Bethany Wilcox.

For homework solutions, and sample exams, please see our secure download (faculty only) at <https://www.physport.org/curricula/CUBoulder/other>

Note: Prof. Wilcox is working on an online Thermo/stat mech assessment tool (end of semester conceptual course-level assessment). Please contact Bethany.Wilcox@colorado.edu if you want to beta test, or look for it at <https://lassoeducation.org/>

The course materials in this folder are not PER/research based, just a reflective effort from faculty to come up with some good class questions and activities.

Please do NOT publish or share any assessments (especially exam questions) on the open web, change questions significantly if you use them. Let's try to keep exam questions as private as possible to avoid students' googling them.

Use what you like for educational purposes! Please do not use these for commercial purposes, and please give due credit to Mike Dubson, Victor Gurarie, and Michael Hermele, and B. Wilcox if you publish any educational research which involves the use of some of these questions.

Other folders have various iterations, including by Prof. Dubson who introduced interactive engagement into this class in 2005, Prof. Victor Gurarie (in 2006) and later by Prof. Michael Hermele (in 2008) (Mike H. skipped some of Victor's questions, and added some more of his own, so you might want to look in both folders for ideas) Dubson retaught the course in 2015, significantly revamping materials and in particular adding in-class activities. Wilcox taught it last in Sp 21

If you have comments or questions, contact Steven.Pollock@colorado.edu or Michael.Dubson@colorado.edu

If you have constructive feedback, or want to clean them up (or add new ones), let us know.