

10/3 All Physics Meeting Minutes

- Upcoming Events:
 - Women in entrepreneurship
 - Oct. 22 in VH 1000 @6:30pm
 - REU/Internship Info Talk
 - Oct. 24th, 6 pm @ SPS meeting is the info talk
 - Nov. 2nd is the working day
- Announcements
 - New physics study room!
 - 3006
 - Has been named The Box
 - APS membership
 - Let us know ASAP if you would like to be added to the APS membership list
 - Intro Physics tutoring hours
 - SMTWH 7-9pm in MG 2003
 - Department Updates
 - Maybe making a 3 semester Intro phys track instead of 2
 - Adding optics and thermo in the 3rd semester
 - Would take place of a modern
 - We are currently searching for a non-tenure track physics profesor!
- Conferences
 - WoPhys
 - Free conference, you just have to get there
 - PhysCon
 - Nov. 14-16 Providence RI
 - Undergrad research conference
 - Pre-registration ends 10/4
 - Current price is around \$450
 - CUWiP
 - Jan. 17-19 University of Chicago
 - Applications close 10/7
 - If you have any questions about any of these conferences, please email any WiP or SPS exec member or sps@truman.edu
- Demo
 - Sound waves!
- Registration Prep
 - Link to the physics flowchart:
 - <https://www.truman.edu/wp-content/uploads/2018/09/FlowChart.pdf>
 - Freshman

- Group 1 (Calc 1)
 - PHYS 195 - Intro Physics I
 - Calculus II
 - Computer Science
 - Group 2 (Phys 195 & Calc 2)
 - PHYS 275 - Vibes & Waves
 - Calc III
 - Computer science
- Sophomores
 - Group 1 (Not taken Phys 275)
 - PHYS 250 - Modern I
 - PHYS 310 - Intermediate Lab
 - PHYS 275 - Vibes & Waves
 - ODE
 - Group 2 (Taken Phys 275)
 - PHYS 250 - Modern I
 - PHYS 310 - Intermediate Lab
 - STAT 290
- Juniors
 - PYS 345 - Junior Seminar
 - PHYS 386 - Classical Mechanics
 - And a subset of:
 - PHYS 446 - Advanced Lab
 - PHYS 482 - Electricity and Magnetism
 - PHYS 518 - Advanced Topics (Cosmology this year, Optics(?) next year)
- Seniors
 - PHYS 445 - Capstone
 - Anything else you haven't taken yet!
 - PHYS 518 - Advanced Topics
 - PHYS 482 - Electricity and Magnetism
 - PHYS 446 - Advanced Lab
 - **Note:** If you graduate May 2020, you can submit your application to graduate *this* semester, allowing you to adjust your spring schedule if needed.
- Popular Minors
 - Mathematics
 - ✓ Calc III
 - ✓ ODE
 - + 9 more credit hours
 - Common choices include:
 - Linear Algebra
 - Vector Analysis.

- Astronomy
 - Physics I
 - Physics II
 - Intro Astronomy
 - Observational Astronomy
- Computer Science
 - CS 180
 - CS 181
 - CS 260
 - + 9 more credit hours (3 more classes)