

Course Evaluation Summary — Bain

Physics Instructor — South Carolina Governor's School for Science & Mathematics

As a K-12 institution, GSSM's student evaluation system is somewhat different than is typical at a university. Students are given surveys to rate certain aspects of their experience in courses. Most of the questions are geared towards reviewing *their own* performance, however they are asked how much they feel they learned in the course. Below, I have pasted some of those results from recent semesters where data is available along with any substantive comments that students wrote.

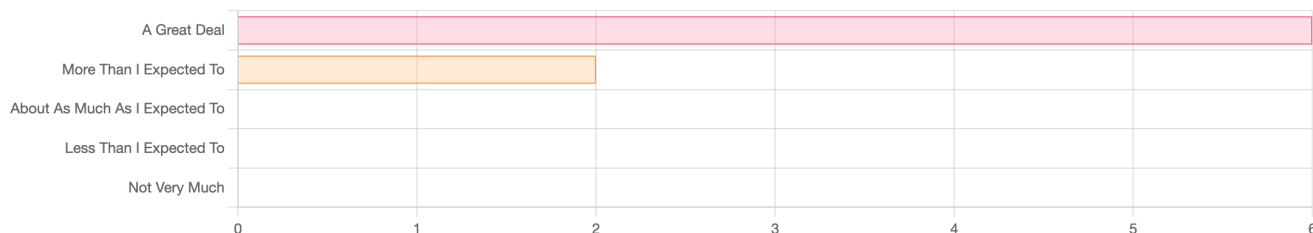
Spring 2024 — General Physics 2 (3 sections - dual enrolled) - Ratings & Selected Comments



1. I liked that the labs had very good instructions. I also liked how questions were answered quickly and effectively in class and out of class. I also liked the clicker questions and how they ensured we understood the basis of the material while we were in class.
2. Your class was the best class I've taken! I've learned a lot from Physics, and I appreciate your sense of humor. Thank you so much!
3. I found it valuable that the teacher has printed notes and has mini online stuff that he can pull up and show visually how physics works. Additionally he is very friendly and approachable which made it easier to ask him questions during lectures and come to office hours.
4. Everything was so optimized and organized, everything was super efficient and streamlined. There actually nothing I would improve this was a perfect physics class
5. The way the homework was structured was really helpful, as if I had any questions I could always ask for help. Thank you for teaching this class, you're a really great person and teacher.

Fall 2023 — General Physics 1 (3 sections - dual enrolled) - Ratings & Selected Comments

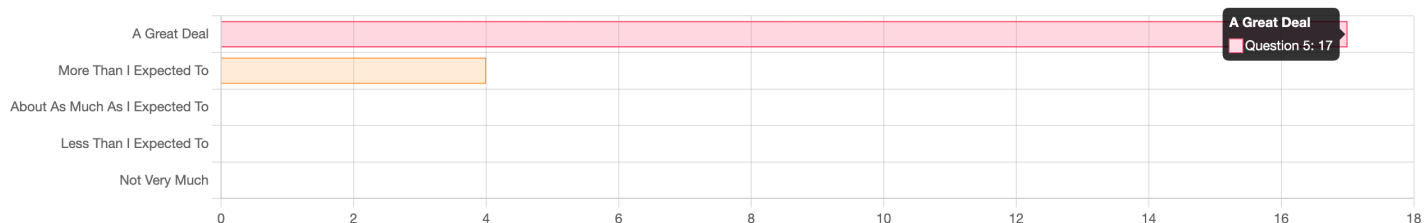
In this class, I feel that I learned



In this class, I feel that I learned



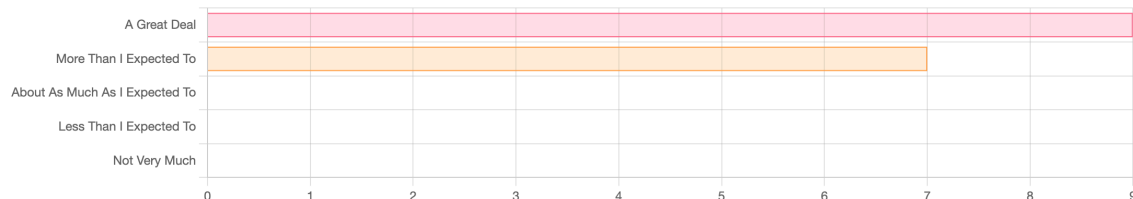
In this class, I feel that I learned



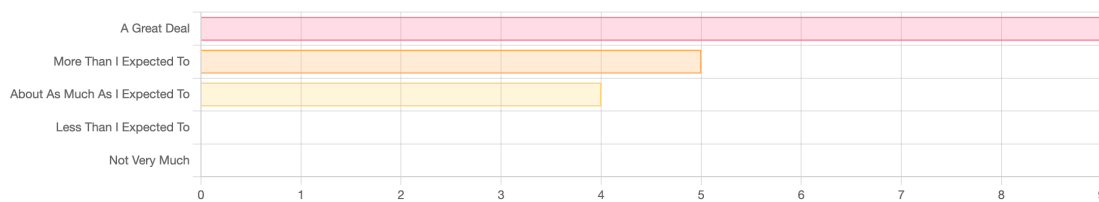
1. I liked how Dr. Bain walked us step by step through the problems and went at a reasonable pace. I also loved the demos that he showed us.
2. I loved Dr. Bain's energy! His study guides, note packets, and the use of WebAssign for homework and exams were very helpful and deemed beneficial.
3. I really enjoy Dr. Bain's teaching style. His kindness towards students who are struggling is much appreciated.
4. Office hours were great. Instructor was always available to help explain. Asking questions on Web assign were also always responded to in very little time. Had two tests to make up, was also very flexible with helping me, even if it ran through lunch.

Spring 2023 — AP Physics 1 (3 sections) — Ratings & Selected Comments

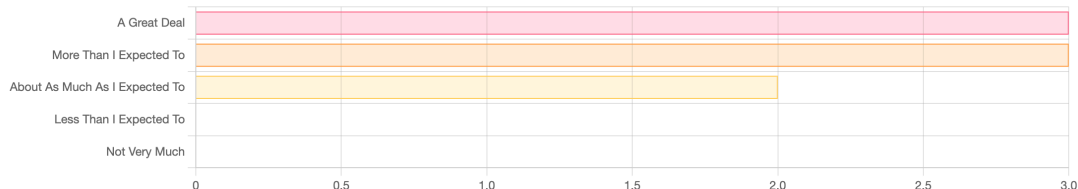
In this class, I feel that I learned



In this class, I feel that I learned



In this class, I feel that I learned



1. I really appreciated the amount of available, consistent resources on Canvas including recorded classes, worked problems, test reviews, etc. The pace of the class was perfect. Every topic was thoroughly explained not only during office hours but also in class, which isn't always the bare minimum for some teachers.
2. I love how this class is structured; it worked well for me. The in-class questions really furthered my understanding of each topic. I struggle with lecture-style classes, but they helped me pay attention. Each lab is set up in a way that is easy to understand. I've had both the morning and afternoon lab periods over the course of the year. Even though I will never be a fan of 8 am labs, we were able to complete the labs within the time given with minimal stress. Also, Dr. Bain's laid-back teaching style works well for keeping a low-stress environment, and it led me to thoroughly enjoy the class.
3. The printable notes on the Canvas page were extremely useful. I found it so much easier to print those and annotate them rather than spending my time in class copying definitions from the board. The demos in class were also really helpful, and he did such a great job explaining them.
4. I really appreciated how organized the course was and all of the available resources that you provided...it made studying so much easier and less stressful compared to my previous physics teacher. The availability of definition slides and worked examples made understanding the material so much more efficient.

Instructional Assistant Professor — University of Houston

UH physics courses have extensive end-of-course student surveys. I have included screenshots of the results for the “Common University Wide Items” sections for the Fall 2018 semester, which was the most recent data that I have access to as I did not download the Spring 2019 semester course reviews before my UH accounts were deactivated in 2019. I consistently had amongst the highest teaching ratings in the physics department while also teaching the largest number of students.

Fall 2018 — Physics 1301 — Inquiry-based Section — Ratings & Selected Comments

	Relative Frequency Distribution of Response					Section Statistics		
	Outstanding	Above Average	Average	Below Average	Poor	N	Mean	Std. Dev.
19) The overall teaching effectiveness of this instructor is	80.65%	16.13%	3.23%	0%	0%	31	4.77	0.5
20) The overall quality of this course is	64.52%	29.03%	6.45%	0%	0%	31	4.58	0.62
21) This instructor's availability for individual assistance is	77.42%	16.13%	6.45%	0%	0%	31	4.71	0.59
22) This instructors demonstration of respect for students is	87.1%	12.9%	0%	0%	0%	31	4.87	0.34

1. Dr. Bain is an amazing professor. He is able to teach complicated concepts in a very easy to understand manner. Also, I enjoyed the format of the class because the group work and the TopHat activities helped in solidifying the material. It was much easy to learn in a smaller class than in the lecture hall. He and his TAs did a good job circulating the room and helping all the students. I wish he was teaching Physics 2!
2. Quick to answer student questions and clarify concepts, very kind and respectful to students. Explained concepts well and demonstrated a lot of knowledge of the subject. I would take physics II with him if he taught it.
3. Dr.Bain is one of the best professors i've ever had. He is so organized with his lectures, always available to discuss material, and always changes his style to make it easier for all types of learners to understand the material. I highly recommend Dr.Bain.
4. He's very excited about the material and that's contagious. He makes physics a lot of fun.

Fall 2018 — Physics 1301 — Lecture-based Section Ratings (2 sections)

	Relative Frequency Distribution of Response					Section Statistics		
	Outstanding	Above Average	Average	Below Average	Poor	N	Mean	Std. Dev.
19) The overall teaching effectiveness of this instructor is	75%	18.48%	6.52%	0%	0%	92	4.68	0.59
20) The overall quality of this course is	56.52%	31.52%	9.78%	1.09%	1.09%	92	4.41	0.8
21) This instructor's availability for individual assistance is	69.57%	18.48%	9.78%	2.17%	0%	92	4.55	0.76
22) This instructors demonstration of respect for students is	80.43%	14.13%	4.35%	1.09%	0%	92	4.74	0.59

1. Dr. Bain is an amazing instructor, he makes the topic of physics raiser to understand and he is always there for the students. He would respond to my emailed questions about a problem set in a very timely manner. He made himself available for the students all the time. I wish that he taught Borg intro physics course I would like to have continuity because he made the subject understandable.
2. Honestly, best professor I've ever had, he presented the subject in an extremely simple and effective way. I was okay in physics in high school, but in this course I excelled and exceeded my expectations all thanks to Professor Bain's teaching method and his way of presenting the subject of physics. All professors should model his class after his.
3. Professor Bain has possibly been one of the best professors I have had at UH. He explains concepts very clearly and will gladly repeat himself/explain in a different way if needed. He has great teaching methods, a nice sense of humor, and I would highly recommend him to anyone taking this course. He makes the subject a little more fun and interesting. UH made a great choice by hiring Professor Bain.
4. You really helped me understand physics and I felt comfortable coming to you whenever I had any questions and always left understanding the material. Thank you for always replying to emails and always making time to see me and help me in physics. You made a hard class quite enjoyable.

	Relative Frequency Distribution of Response					Section Statistics		
	Outstanding	Above Average	Average	Below Average	Poor	N	Mean	Std. Dev.
19) The overall teaching effectiveness of this instructor is	83.04%	12.5%	4.46%	0%	0%	112	4.79	0.51
20) The overall quality of this course is	72.07%	18.92%	9.01%	0%	0%	111	4.63	0.65
21) This instructor's availability for individual assistance is	72.97%	24.32%	2.7%	0%	0%	111	4.7	0.52
22) This instructors demonstration of respect for students is	83.78%	13.51%	2.7%	0%	0%	111	4.81	0.46

1. The instructor's lecture was well organized. it was easy to follow and understand. The lecture encourages the students to participates in the class. Examples in class help students to do homework at home. Study guide provided reflects the tests.
2. Dr. Bain is an incredible professor. He was able to make a subject that is typically tedious and hard to understand very applicable and interesting to learn. Specifically, his use of entertaining examples and physical demonstrations (such as using a bicycle wheel to physically explain torque) tremendously enhanced my interest and understanding of the course. I wish he taught the General Physics too.
3. He is very passionate about physics and is able to relate it to real life examples. He encourages any questions and is willing to answer them! He clearly explains the topics and makes it easy for students to reach out to him for help during his office hours. A very great professor overall!
4. Professor Bain is an amazing instructor. I wish he taught physics 2. He is hands down the best science/mathematics professor I have had at UH. He cares about if his students understand the material he is teaching, and he uses real time technology to gather information on whether we grasped what was taught or not. He provides all the materials needed to do well in his class. I would take a class taught by him again if I could.

Spring 2018 — Inquiry-based section ratings

Common University-Wide Items		Outstanding (5)	Above Average (4)	Average (3)	Below Average (2)	Poor (1)	N	Mean*	Std Dev
19.	<i>The overall teaching effectiveness of this instructor is</i>	70.5%	21.8%	7.7%	0.0%	0.0%	78	4.63	0.63
20.	<i>The overall quality of this course is</i>	48.7%	30.8%	20.5%	0.0%	0.0%	78	4.28	0.79
21.	<i>This instructor's availability for individual assistance is</i>	64.9%	24.7%	10.4%	0.0%	0.0%	77	4.55	0.68
22.	<i>This instructor's demonstration of respect for students is</i>	85.7%	9.1%	5.2%	0.0%	0.0%	77	4.81	0.51

Spring 2018 — Lecture-based section ratings

Common University-Wide Items		Outstanding (5)	Above Average (4)	Average (3)	Below Average (2)	Poor (1)	N	Mean*	Std Dev
19.	<i>The overall teaching effectiveness of this instructor is</i>	97.2%	2.8%	0.0%	0.0%	0.0%	36	4.97	0.17
20.	<i>The overall quality of this course is</i>	72.2%	22.2%	5.6%	0.0%	0.0%	36	4.67	0.59
21.	<i>This instructor's availability for individual assistance is</i>	75.0%	22.2%	2.8%	0.0%	0.0%	36	4.72	0.51
22.	<i>This instructor's demonstration of respect for students is</i>	91.7%	8.3%	0.0%	0.0%	0.0%	36	4.92	0.28