

Modern Science in Antarctica (2019 Fall Semester)

Instructor: **Hanson, Jordan**
 Subject: **INTD**
 Catalog & Section: **255 1**

Enrollment: **23**
 Responses Incl Declines: **18**
 Declines: **0**

Category Summary

Category	Number of Responses	Response Rate	Mean	Dept. Mean	Median	Dept. Median	STDEV
Self-Evaluation	162	78.3%	4.4	4.4	5.0	5.0	0.9
Course	126	78.3%	4.7	4.4	5.0	5.0	0.8
Professor - Jordan Hanson	162	78.3%	4.8	4.6	5.0	5.0	0.5

Demographics

Question	Number of Responses	Liberal Education	WSP requirement	Major requirement	Minor requirement	Elective/Interest
Why did you take this course? (Select primary reason.)	18	78%	0%	0%	6%	17%

Question	Number of Responses	First-Year	Sophomore	Junior	Senior	Graduate
What is your year in college	18	11%	50%	17%	22%	0%

Quantitative Data

All Likert Scale Questions - Self-Evaluation

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
I attended class regularly.	18	78%	5.0	4.8
I was academically prepared to handle the material.	18	78%	4.5	4.7
I came prepared for each class session (i.e. have read all course readings and completed assignments).	18	78%	4.6	4.5
I actively participated in class discussions.	18	78%	4.2	4.3
I attended scheduled office hours if I had questions about the course material.	18	78%	3.8	3.7
I tried to relate course material to other things I know and/or study.	18	78%	4.8	4.5
I worked to my full potential in this course.	18	78%	4.5	4.5
I was satisfied with my performance in this course.	18	78%	4.4	4.4
I had a strong desire to take this course.	18	78%	4.1	4.0

Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;

All Likert Scale Questions - Course

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
This course had clear goals and objectives.	18	78%	4.8	4.5
This course was academically challenging.	18	78%	4.7	4.3
This course offered useful learning tools (such as lectures, discussions, readings, assignments and/or examinations).	18	78%	4.7	4.6
This course had grading criteria that were clearly identified.	18	78%	4.7	4.4
This course improved my understanding of the material.	18	78%	4.8	4.5
This course increased my interest in the subject matter.	18	78%	4.4	4.2
Overall, I would recommend this course to others.	18	78%	4.6	4.3
Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;				

All Likert Scale Questions - Professor - Jordan Hanson

Question	Number of Responses	Response Rate	Course Mean	Dept. Mean
The professor used class time effectively and demonstrated preparation for class.	18	78%	4.9	4.6
The professor's teaching style and/or enthusiasm for the material strengthened my interest in the subject matter.	18	78%	4.8	4.5
The professor was able to explain complicated ideas.	18	78%	4.7	4.5
The professor challenged students to think critically and/or imaginatively about the course material.	18	78%	4.8	4.6
The professor provided clear and timely feedback.	18	78%	4.9	4.5
The professor encouraged meaningful class discussions.	18	78%	4.8	4.6
The professor was receptive to differing views.	18	78%	4.9	4.6
The professor was available for help outside of class.	18	78%	4.9	4.7
Overall, I would recommend this professor to others.	18	78%	4.8	4.5
Note: 1:Disagree; 2:Moderately disagree; 3:Neutral; 4:Moderately agree; 5:Agree; -1:N/A;				

Open Ended Responses

Written Comments (72 comments)

Q: What useful feedback could you provide the professor of this course? (Please be specific.)

- Great presentations.
- I thought your teaching style was great; I normally do not relate as much to information given in a lecture format, but I did in this course. I think another way would have made the amount and type of information confusing to digest.
- Maybe add more activities
- the course was well executed and provided students with good background information about research occurring in Antarctica
- I honestly did enjoy this course. I feel that you overall did a great job to help me and everyone else in the class understand the material.
- This course was by far the most interesting course I have taken at Whittier College. I believe so because it taught life skills while also teaching about the physics of movement and energy as it pertains to humans. It also was very introspective and made the students think much about their own lives and experiences and relate them to the course.
- Do a real world simulation or some fun activity and see if you can survive in antarctica

- 8 maybe give more clear deadlines
- 9 More explanations for the math
- 10 maybe require less books for the class
- 11 I enjoyed the course and Dr. Hanson's ability to converge the worlds of science, history and liberal arts effectively. I would have enjoyed however more in-class teaching of the history rather than solely reading
- 12 I am not very good at Science or Math but you made it very easy for me to understand.
- 13 I liked the course. I'm glad that you reduced the length of the final essays to 2500 words.
- 14 Because this class has no prerequisites, don't assume that everyone has taken a physics class before!!!!
- 15 None
- 16 I thought it was great that you allowed the students to pick when they wanted to have the midterm and the hiking trip. Also the fact that you allowed us to make up work if we were absent. Keep up the great work!!
- 17 I thought that Professor Hanson was a very good enthusiastic professor. He always listened to what his students had to say and tried to help them in the best way possible.
- 18 I did not find The Last Place on Earth very interesting

Q: What were the best aspects of this course? (Please be specific.)

- 1 The professor's enthusiasm for the subject really enhanced the experience of this class.
- 2 I really enjoyed the videos we watched on the selected topics; they deepened my understanding and interest in the overall subject of Antarctic research.
- 3 The speeches of the class
- 4 the best aspects of this course having group discussions to further our understanding of the topic.
- 5 I liked that the midterms and final did not have the biggest emphasis on the grades. It does account for a good amount of the grade but it does not have an outrageous percentage of the grade.
- 6 This course was great because it was untraditional and very insightful. We learned physics through stories of exploration and I believe this method made students much more interested and involved.
- 7 The book and the in class videos
- 8 learning ab out Antarctica
- 9 The self reflection and journals
- 10 learning about Antarctica
- 11 Dr. Hanson's enthusiasm and in-depth knowledge of the material.
- 12 learning about how you burn energy. it was useful to me in the real world.
- 13 I liked reading about Amundsen and Scott.
- 14 The readings, even though there were too many
- 15 all of them
- 16 The journal assignments we had every week.
- 17 I felt like the lectures were pretty helpful about Antarctica. I also really liked some of the videos and TED talks we watched about the wildlife and science that is in that unknown area.
- 18 The best part was when we learned about the big bang and the deep survival book was interesting

Q: What would you change about this course? (Please be specific.)

- 1 Maybe less math. A bit too hard for those who haven't done any sort of math in the last 4 years.
- 2 I enjoyed the journal writings, but I would have them either less frequently in combination with the readings, or I would make the page limit lower.
- 3 N/A
- 4 The reading was a little heavy
- 5 The reading assessments being not for grade made me a little to incline to not do the reading. I think the reading assessments should be for some points whether that be for extra points or an actual grade.

- 6 If anything it would be minor details, the over all structure of the course and material is fantastic.
- 7 So many reading quizzes
- 8 none
- 9 Less pages for the journal
- 10 less reading
- 11 More in-class teaching of history.
- 12 less math and more history.
- 13 I think I would reduce the number of scientific lectures, as I'm not really sure what the point of them was, as we weren't ever really tested on them.
- 14 Make physics a prerequisite!!!! I took this class having never taken a physics class before and I was SUPER LOST. The prof assumed I would know how to do the math and didn't explain how to go through the equations very well.
- 15 nothing
- 16 Nothing.
- 17 The only thing that I would change would be to not have reading quizzes every week because if we have them every week, it is hard to keep up especially when other classes start having very big tests.
- 18 I would keep the journaling aspect but get rid of the Last Place on Earth and teach the history of it orally as a lecture.

Q: Please evaluate your own performance in this course. That is, are you satisfied with your accomplishments in this course? If not, what should you have done differently to improve your performance and/or comprehension of the course material.

- 1 I'm extremely satisfied with my performance in this class this semester. Especially since I'm not a genius when it comes to math.
- 2 I am satisfied with my performance in this course. I really enjoyed the selected readings (except maybe not News at the Ends of the Earth) which made it easy to remain involved in them.
- 3 Could've done better on the written sections
- 4 I am satisfied with what I have accomplished in this course
- 5 I feel like I lacked in some areas such as homework. I did not always do that on the appropriate time but that is on me. I feel satisfied with the lab, final project, and my test grades.
- 6 I am satisfied, I believe I learned much that I can use in my academic interest and personal interests going forward.
- 7 I am satisfied with my performance
- 8 i did all right, i couldve done better
- 9 Yes was a lot learned
- 10 I was satisfied with my performance in the class
- 11 I am pretty satisfied with my performance.
- 12 I was happy for how I did based off of the first day where I saw the material and went oh no math I'm going to fail.
- 13 I could have tried harder.
- 14 I tried by best!!!!
- 15 I am satiated
- 16 I'm satisfied.
- 17 I definitely felt like I should have done a better job of keeping up with the reading, however I had never taken a physics class prior to this class so seeing that I passed both of the midterms which were on physics made me pretty satisfied
- 18 Yes

Supplemental Questions

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No Data.