

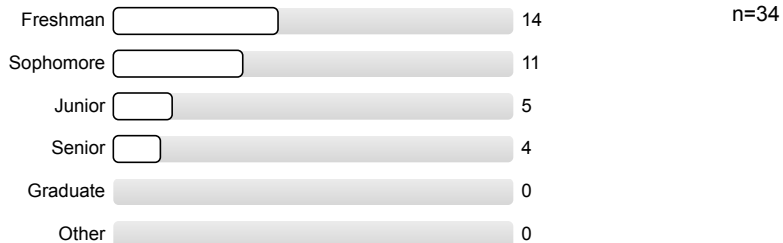


R.B. GOLDBERG
Evaluation of Instruction Program Report
 14W: HNRS 70A LEC 1: GEN ENGR-MED&AG&LAW
 No. of responses = 34
 Enrollment = 35
 Response Rate = 97.14%

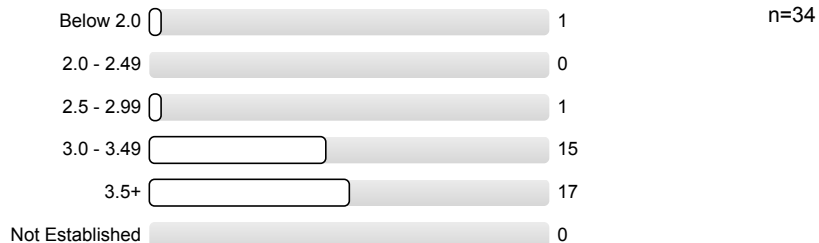
Survey Results

1. Background Information:

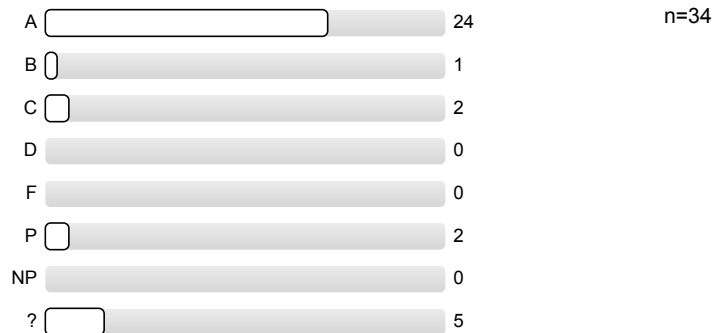
1.1) Year in School:



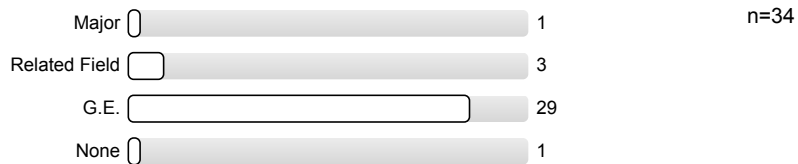
1.2) UCLA GPA:



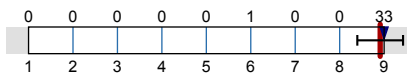

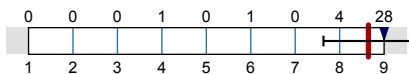

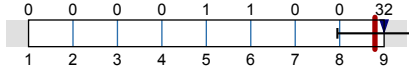


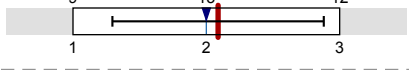
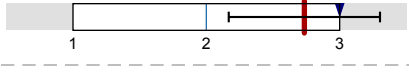

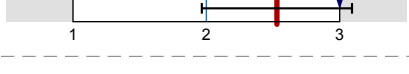
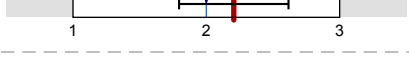
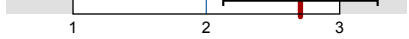
1.3) Expected Grade:



1.4) What requirements does this course fulfill?



2. Professor and Course:

<p>2.1) Instructor Concern - The video lectures, readings, assignments and other materials prepared by the instructor demonstrated concern for student learning.</p>	<p>Very Low or Never  Very High or Always</p>	<p>n=34 av.=8.91 md=9 dev.=0.51</p>
<p>2.2) Organization - Video lectures were well prepared and organized.</p>	<p>Very Low or Never  Very High or Always</p>	<p>n=34 av.=8.76 md=9 dev.=0.7</p>
<p>2.3) Interaction - Students felt welcome in seeking help from the instructor.</p>	<p>Very Low or Never  Very High or Always</p>	<p>n=34 av.=8.65 md=9 dev.=1.01</p>
<p>2.4) Communication Skills - The instructor had good communication skills.</p>	<p>Very Low or Never  Very High or Always</p>	<p>n=34 av.=8.82 md=9 dev.=0.63</p>
<p>2.5) Value - You have learned something which you consider valuable.</p>	<p>Very Low or Never  Very High or Always</p>	<p>n=34 av.=8.79 md=9 dev.=0.84</p>
<p>2.6) Overall - Your overall rating of the instructor.</p>	<p>Very Low or Never  Very High or Always</p>	<p>n=34 av.=8.82 md=9 dev.=0.63</p>
<p>2.7) Overall - Your overall rating of the course.</p>	<p>Very Low or Never  Very High or Always</p>	<p>n=34 av.=8.65 md=9 dev.=1.45</p>
<p>2.8) Subject interest before course</p>	<p>Low -  High -</p>	<p>n=34 av.=2.09 md=2 dev.=0.79</p>
<p>2.9) Subject interest after course</p>	<p>Low -  High -</p>	<p>n=34 av.=2.74 md=3 dev.=0.57</p>
<p>2.10) Mastery of course material</p>	<p>Low -  High -</p>	<p>n=34 av.=2.76 md=3 dev.=0.5</p>
<p>2.11) Difficulty (relative to other courses)</p>	<p>Low -  High -</p>	<p>n=34 av.=2.53 md=3 dev.=0.56</p>
<p>2.12) Workload/pace was</p>	<p>Too Slow -  Too Much -</p>	<p>n=34 av.=2.21 md=2 dev.=0.41</p>
<p>2.13) Texts, required readings</p>	<p>Poor -  Excellent -</p>	<p>n=34 av.=2.71 md=3 dev.=0.58</p>

2.14)	Homework assignments	Poor -		Excellent -	n=31 av.=2.77 md=3 dev.=0.5 ab.=3
2.15)	Graded materials, examinations	Poor -		Excellent -	n=34 av.=2.79 md=3 dev.=0.54
2.16)	Video lecture presentations	Poor -		Excellent -	n=30 av.=2.97 md=3 dev.=0.18 ab.=4
2.17)	Discussion board	Poor -		Excellent -	n=21 av.=2.76 md=3 dev.=0.54 ab.=13
2.18)	Live online interactions (if applicable)	Poor -		Excellent -	n=14 av.=2.71 md=3 dev.=0.47 ab.=20

3. The Class Website:

3.1)	Instructor's video lectures	Poor -		Excellent -	n=25 av.=4.72 md=5 dev.=0.54 ab.=9
3.2)	Animations within video lectures	Poor -		Excellent -	n=24 av.=4.71 md=5 dev.=0.55 ab.=10
3.3)	Discussion board	Poor -		Excellent -	n=16 av.=4.81 md=5 dev.=0.4 ab.=18
3.4)	T.A. blog	Poor -		Excellent -	n=11 av.=4.82 md=5 dev.=0.4 ab.=23
3.5)	T.A. webcam video	Poor -		Excellent -	n=9 av.=4.78 md=5 dev.=0.44 ab.=25
3.6)	Live video discussions	Poor -		Excellent -	n=11 av.=4.82 md=5 dev.=0.4 ab.=23
3.7)	Live text chat sessions	Poor -		Excellent -	n=9 av.=4.89 md=5 dev.=0.33 ab.=25
3.8)	Image gallery	Poor -		Excellent -	n=13 av.=4.77 md=5 dev.=0.44 ab.=20
3.9)	Weekly quizzes	Poor -		Excellent -	n=33 av.=4.67 md=5 dev.=0.54 ab.=1

3.10)	Interactive lecture questions	Poor -	0 0 0 7 24	Excellent -	n=31 av.=4.77 md=5 dev.=0.43 ab.=3
3.11)	Oral exams	Poor -	0 0 3 6 24	Excellent -	n=33 av.=4.64 md=5 dev.=0.65 ab.=1
3.13)	I understood what was expected of me from lesson to lesson, week to week.	Disagree Strongly -	0 1 5 28	Agree Strongly -	n=34 av.=3.79 md=4 dev.=0.48
3.14)	The class website was intuitive, well-organized, functioned properly, and helped me manage my online class.	Disagree Strongly -	0 1 9 17	Agree Strongly -	n=27 av.=3.59 md=4 dev.=0.57 ab.=7
3.15)	The calendar made it clear what my assignments were, how to find them and when they were due.	Disagree Strongly -	1 0 3 26	Agree Strongly -	n=30 av.=3.8 md=4 dev.=0.61 ab.=4
3.16)	I understood how to connect to and participate in live video discussions or live text chat sessions (if applicable).	Disagree Strongly -	0 1 2 13	Agree Strongly -	n=16 av.=3.75 md=4 dev.=0.58 ab.=18
3.17)	I understood how to submit assignments.	Disagree Strongly -	0 0 3 28	Agree Strongly -	n=31 av.=3.9 md=4 dev.=0.3 ab.=3
3.18)	I understood how to view my grades.	Disagree Strongly -	2 3 4 21	Agree Strongly -	n=30 av.=3.47 md=4 dev.=0.94 ab.=4
3.20)	My overall impression is that the technology of video conferencing is sufficient (i.e., sound quality, video quality) to allow for consistent communication and learning.	Disagree Strongly -	0 0 4 14	Agree Strongly -	n=18 av.=3.78 md=4 dev.=0.43 ab.=9

4. The Online Experience and UCLA's Online Program:

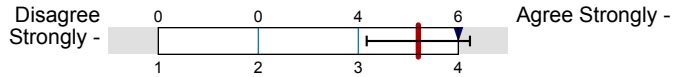
4.1)	In comparison to UCLA courses you have taken on campus, this online class was:	Much Worse -	0 1 2 1 9	Much Better -	n=13 av.=4.38 md=5 dev.=1.04 ab.=19
4.2)	My online class gave me flexibility with time and scheduling.	Disagree Strongly -	1 1 1 3	Agree Strongly -	n=6 av.=3 md=3.5 dev.=1.26 ab.=26
4.3)	My online class provided an academic experience consistent with my expectations of UCLA.	Disagree Strongly -	1 0 2 7	Agree Strongly -	n=10 av.=3.5 md=4 dev.=0.97 ab.=22

4.4) The quality of the materials in my online class was consistent with my expectations of UCLA.



n=10
av.=3.7
md=4
dev.=0.48
ab.=22

4.5) My online class experience was straightforward and generally free of complications.



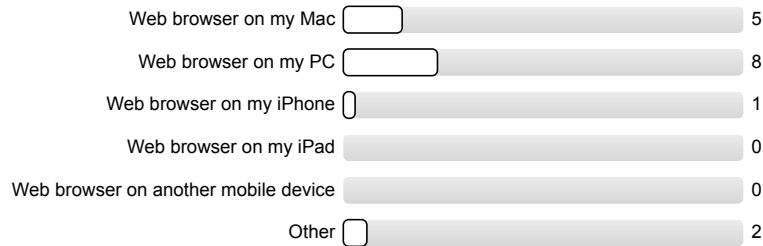
n=10
av.=3.6
md=4
dev.=0.52
ab.=22

4.7) Rate the quality of the Teaching Assistant experience in your online class, compared to experiences you've had with Teaching Assistants in UCLA courses delivered on campus.



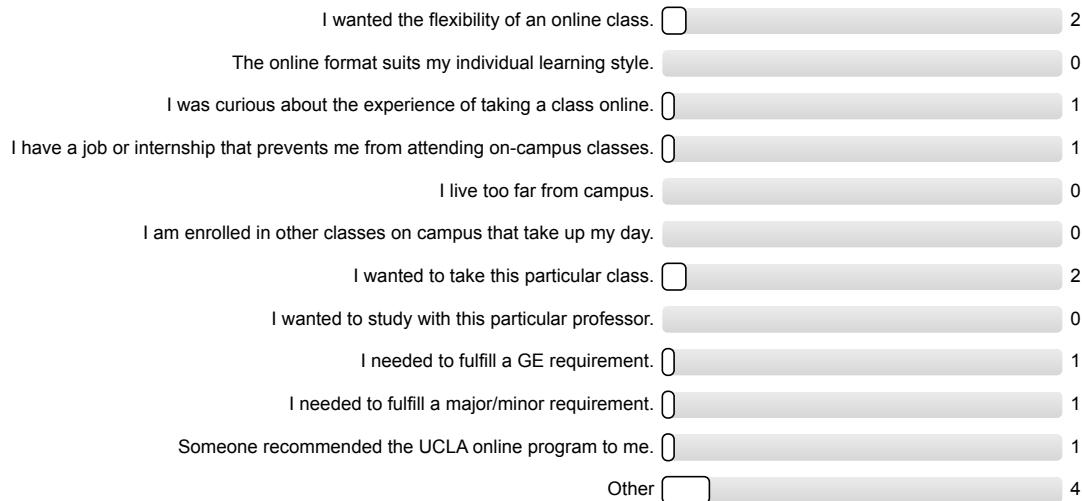
n=17
av.=4.76
md=5
dev.=0.66
ab.=15

4.8) How did you watch your instructor's video lectures? (Check all that apply)



n=34

4.10) Why did you choose to take a course online instead of on-campus? (Check all that apply)



n=34

4.12) Have you taken an online class before?



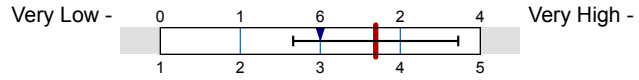
n=19

4.13) How does this UCLA online course compare with others you have taken or are familiar with?



n=8
av.=4.5
md=5
dev.=1.07
ab.=18

4.15) Before taking this UCLA course



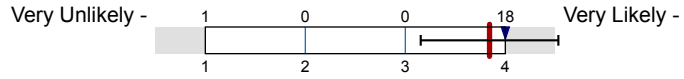
n=13
 av.=3.69
 md=3
 dev.=1.03
 ab.=15

4.16) After taking this UCLA course



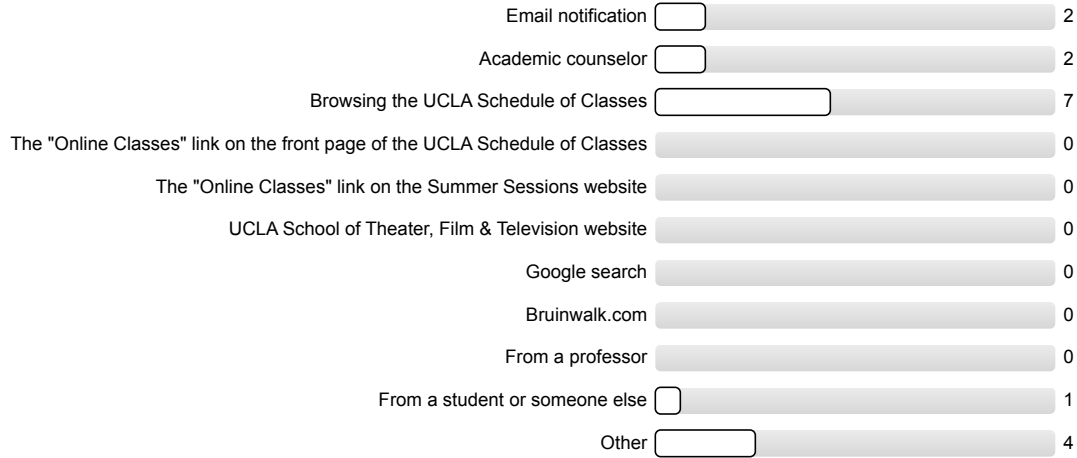
n=12
 av.=4.33
 md=4.5
 dev.=0.78
 ab.=16

4.17) Would you recommend this UCLA online course to a friend?



n=19
 av.=3.84
 md=4
 dev.=0.69

4.18) How did you learn about this online course?



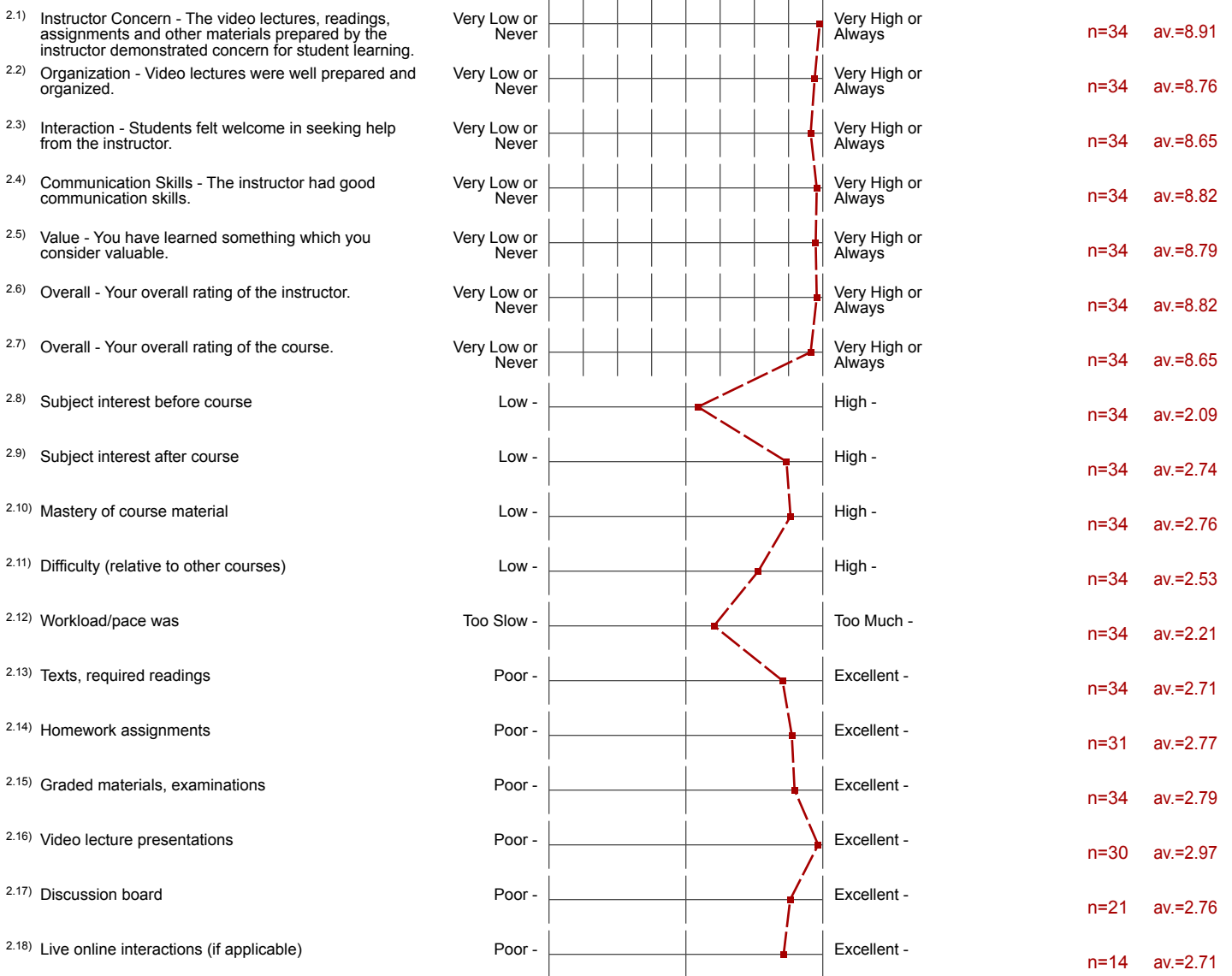
n=16

Profile

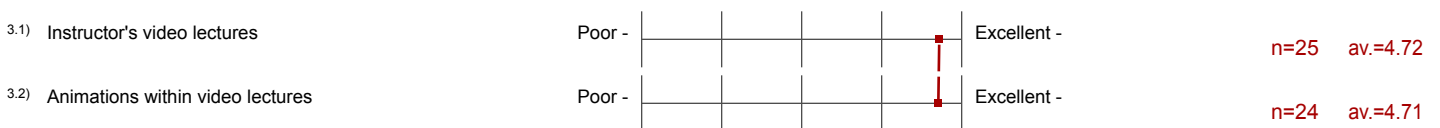
Subunit: HNRS
 Name of the instructor: R.B. GOLDBERG
 Name of the course: 14W: HNRS 70A LEC 1: GEN ENGR-MED&AG&LAW
 (Name of the survey)

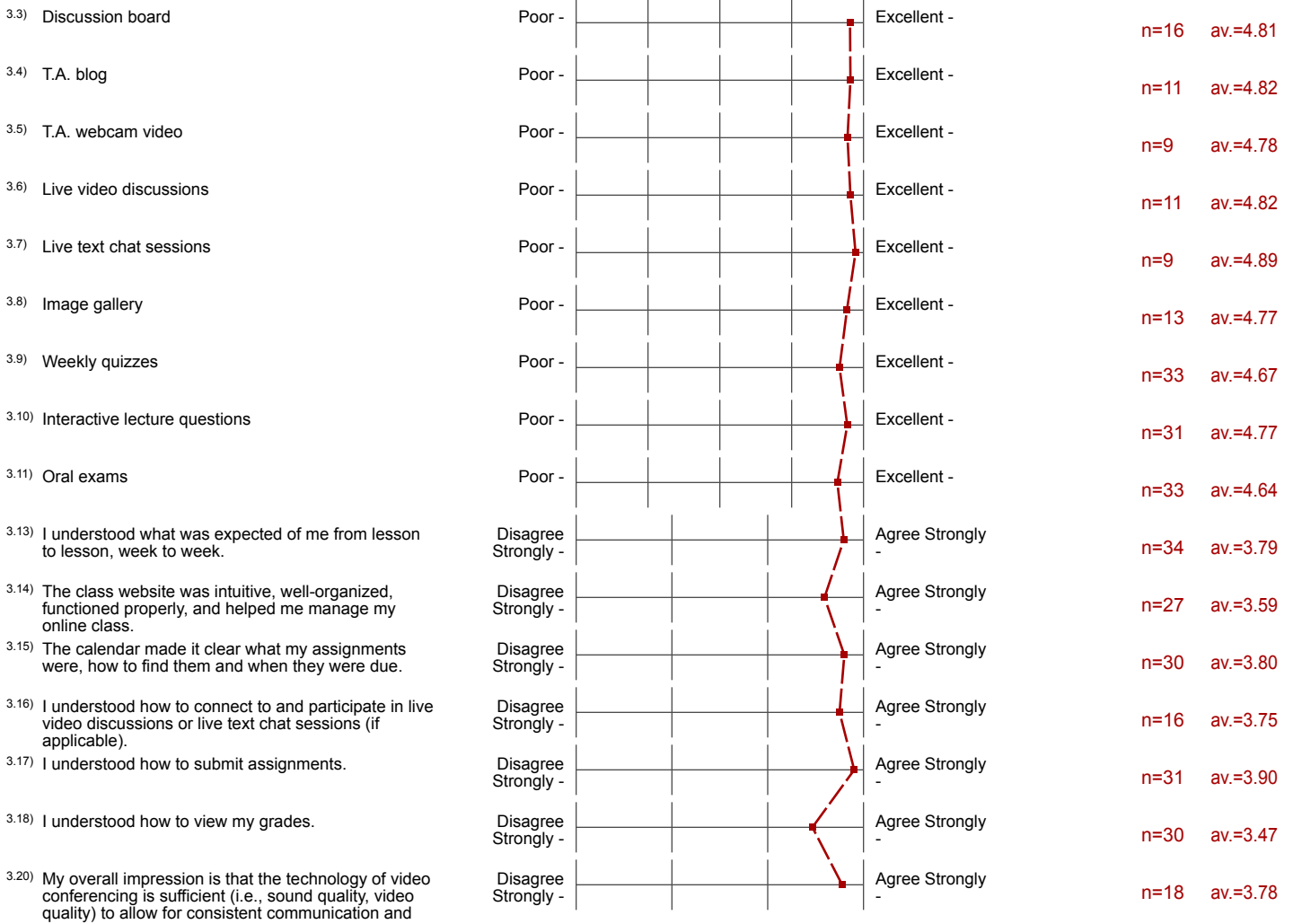
Values used in the profile line: Mean

2. Professor and Course:

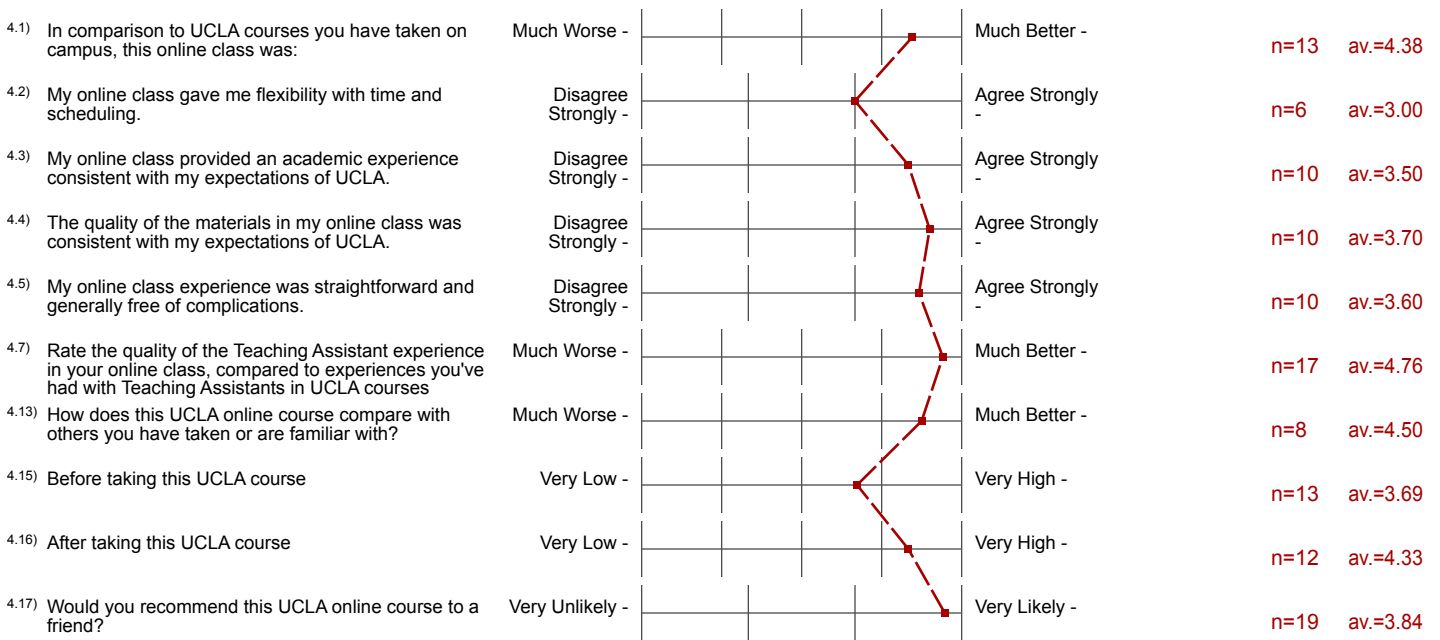


3. The Class Website:





4. The Online Experience and UCLA's Online Program:



Comments Report

2. Professor and Course:

- ^{2.19)} Please identify what you perceive to be the real strengths and weaknesses of this instructor and course.
- Although I was initially apprehensive about taking this class, and I was certainly surprised when I first walked into class, I am very glad I took this class. I believe Dr. Goldberg's presentations were always very well-organized, and I like how he drew from concrete examples and cases that have happened recently, and I think that made the information seem more applicable to me. Dr. Goldberg's passion is always very obvious, and I think his enthusiasm for the subject material made the subject matter even more interesting to me. I think I learned a lot more from this class than I have from many of my other classes, and I think that the way the discussions are set up helped me retain the information much longer. In general, I would highly recommend Dr. Goldberg and this course.
 - Amazing course. It was the most unique course I have taken at UCLA, and although the semi "forced" participation was very intimidating at first, it was worth it all.
 - Dr. Goldberg always engages students in class, both on an academic and on a personal level. Although getting called on in class does in fact make students nervous, his interactions with the students on a personal level makes the situation a lot better and less intimidating than one would imagine. He truly cares for students' learning and understanding of the materials, and puts in a lot of effort in preparing for the classes, as well as encouraging students to seek help outside of class. Dr. Goldberg also approaches the topics from different directions- the science, the societal issues, ethics, etc., which makes the breadth of the class simply phenomenal.
 - Dr. Goldberg defies what it means to be an effective, above-outstanding, caring and knowledgeable instructor. I enjoyed rushing and making my way all the way from the other side of campus just to show up on time for this course just because this course has proven everything that i initially thought about science and genetics, the great love i have for the subject. I thoroughly enjoyed having Dr. Goldberg as my professor, the concept were made apparent effectively to me in a clear concise manner, the presentation were fun, engaging and interactive and the material, which is considerably advanced in its regard was made friendly and approachable to me and the class in general. Last but not least, all in all, i am sad that it has come to an end and i do so wish there was enough words to truly be able to accurately express how great Dr. Goldberg and this class truly was.
 - Dr. Goldberg really cares about his students and their learning. He has so much knowledge about a variety of fields, and much life experience that assisted him in relating course material. I've never learned so much in one class.
 - Everything is perfect!
 - Great class!!! Really learned a lot!!!! Very unique experience!!! Really like the class.
 - He really care about students. So knowledgable and helpful
 - He was intersted in the students education and about teaching. He was enthusiastic when giving lectures and I found his class valuable. I learned a variety of things especially because he brought in guest speakers. Even though it was plenty of work load I enjoyed this course.
 - I love that Dr. G was able to make us feel comfortable about discussing the material and working in groups. He kept the class very lively and exciting. He was also very passionate about the material that made the lectures even more engaging.
 - In the midterm oral exam, my entire group and I mainly had difficulty answering, not because we did not know the course material, but because we could not figure out for what information the instructor was

asking us. I could only get the audio and not video to play when reviewing the lectures online. Otherwise, the course was thorough and informative. It covered a lot of information in a short period of time without being utterly overwhelming.

- Overall excellent.
The dynamic nature of the presentations and discussions facilitated learning in a way not usually present in other courses.
The guest speakers were amazing also. With all the discussion about ethics it would have been nice to include a philosopher or someone from the legal community as well.
- Professor Goldberg did a fantastic job at putting the class together.
Shows true commitment to us, his students... One of the best, if not, best Lecturer and Professor at UCLA.

Weakness, the fact that each quarter is only 10 weeks, there are limitless topics that can still be explored.

- Professor Goldberg is great professor in that he taught us challenging material and how to think critically. He didn't endorse memorization of content but encouraged us to understand concepts, which enabled me to learn a lot more in this class by that method.
- Professor Goldberg was a great professor. He was very passionate about the subject and his interest in it was infectious. If I were to use an analogy, he was the lambda phage to my bacteria. I guess his only weakness was that he used a lot of paper.
- Strengths: Able to keep my attention for the entire 2.5 hours of lecture; has personal anecdotes related to the field which tied in to lectures; able to explain the subject matter in a straightforward manner.

Weakness: Reading material was sometimes repetitive, making it unnecessarily long at times; wording for questions for quizzes/exams were a little unclear at times.

- Strengths: Professor Goldberg genuinely expressed the highest level of concern for student learning and exhibited true passion for the subject matter. The lectures were highly compelling and very well organized, the incorporation of guest speakers allowed an expansion of the subject matter highly beneficial to student learning, and he involved every student in the class to ensure the intellectual progress of everyone in the class. Best class I have ever taken, hands down.
- Super unique and helpful teaching style. Really concerned about his students and class. Definitely a unique and memorable course!
- The class is so interdisciplinary it would be impossible to not find at least one topic of interest. Dr. Goldberg knows what he's talking about and is obviously passionate about what he teaches. It's truly been an inspiring experience.
- The class is very well structured especially in the sense of breaking down the concepts.
- The instructor cares about the students and how much we have learned. He provides a lot of resources and is himself very knowledgeable. Also the class offers a lot of extra benefit for the students.
- The interaction--the professor knows my name and questions my knowledge openly, I'm being monitored so I have an incentive to do well, other than the other incentives I already have.
- The most resonating strength of the instructor is his genuine concern in regards to each student's learning experience. Every bit of the course is thought out to the last detail, and even though it is challenging, there is an abundance of resources available in order to make the material manageable. I honestly cannot think of any weaknesses to this course, it has been the best class I have taken at UCLA so far.
- The strength of the course is its unique structure and the instructor's teaching style. I would have never

thought that a three hour lecture could go by so quickly. Dr. Goldberg is extremely concerned with his students' learning and effectively and efficiently covers high-difficulty material, enabling students to fully comprehend and demonstrate skills with the subject.

- This class was exceptionally well taught by an excellent professor. The course not only prepared students thoroughly in the area of genetic engineering, but also taught general lessons and methods of critical thinking that are applicable not only to further studies but also to everyday life. The class was hard, stimulating, and very rewarding; and I highly recommend it as it is.
- This class was one of the best classes I have had at ucla. While also one of the hardest, I was challenged during each class to think critically and master the course material. I love that the goal of the course is to learn and understand the material rather than memorizing information!
- Very clear presentations.instructor very knowledgeable and although intimidating at first he helped us learn very well
- Very interactive course.
- You are the best !
- the interactive and collaborative nature of the class was a huge strength, weakness was the excess of reading making it impossible to actually do all of it - i feel like it would have been more effective if we had less reading because more people would have read it which would facilitate discussion
- this was the most unique classroom experience I have encountered in all of my school years. I enjoyed it very much for it was a different and much more efficient and effective approach to learning, teaching, and the education experience. the lectures were dense and informative. the instructor cared and taught to his best ability. felt very comfortable seeking and asking for help. the discussions were also very well planned and reinforcing of the lecture material. TA's were very knowledgeable and informative and helpful. they thoroughly go through course material to be applied. the workload was just right. the exams were different than the suspected multiple choice exams and much more effective in learning and testing students ability and knowledge. the course was very interesting and intriguing on it's topic. I learned so much and am able to spread my knowledge. I also learned very critical and practical skills from this course in life as well as ability to apply to other courses. I highly suggest this course to anyone and everyone.

3. The Class Website:

^{3.12)} Please provide additional comments about the applications listed above.

- Although I took this class in person, the aspects of it which connected us with UC Davis and Tuskegee University were extremely innovative and added a dimension to the class that I have never experienced before. Learning with a diverse group of students across the nation (both in-class through digital connection and in-person during visits) was a beneficial complement to add to the unique experience of HC 70A.
- As previously stated, question wordings were a little unclear at times. Also, random groups for oral exams is a little unintuitive since study groups would usually not include the entire class.
- Basically lived in fear of the oral exams and in lecture questions the whole time, but they definitely helped with the learning experience.
- Effective, concise and never a waste of time
- Everything was great but if the class didn't print 100000 pages per student that would be helpful!
- His use of oral exams and weekly quizzes really helped us focus on details and remember them.
- I did well on the exam but still felt it was a tad too difficult.

- I didn't check out the website
- I liked that the weekly quizzes challenged me to stay on top of the material each week and conceptually understand the materials. The in class questions kept me engaged during class and also made me think more critically about the material and controversial issues
- Interactive lecture questions, while they are just yes or no questions, they aren't just right or wrong, there is debate around them, critical thinking.
- Overall, fantastic.
TAs and professor set the bar as to how teaching should be carried out.
- The discussions were fantastic. Rather than being stuck repeating the same things we learned just yesterday, we actually learned something new. Add to that the fact that we could still ask whatever questions we needed answered, and they were priceless to the course.
- The in-class questions and oral exam really helps us to better understand the material, and think outside of the box.
- The oral exam is a great intellectual experience.
- The oral exams thoroughly assessed our knowledge of the subject matter, however I think it could be more beneficial if it was conducted on an individual basis to better establish which students understood the material.
- The oral exams were awesome and provided a space for us to work together and collaborate with our classmates.
- Weekly quizzes are very helpful in reinforcing the key concepts that were brought up in class. Lecture questions engages students to think about issues critically during the lectures. Oral exams are by far the best experience as they truly make the students understand their materials well and train the students to think and apply the concepts on the spot.
- You are the best!

^{3.19)} Comments:

- Amazing, unique experience i'll never forget!
- Best!
- Especially when it came to what was expected of me, Dr. Goldberg makes his expectations clear, and the bar is high. Which is a good thing.
- I like how the website is updated in time and all materials are online for us to review.
- The class was extremely well structured and organized. As students, we always knew what was expected of us and the communication between us and the professor and TAs was superb.
- The only thing I didn't like was having to walk all the way to the Terasaki building every Monday.
- wish grades were visible so i could understand how i was doing in the class

^{3.21)} Please provide additional comments about live online discussions.

- All of the technology was needed in order to properly communicate with the students from UC Davis and Tuskegee.
- There were rarely ever complications with video conferencing between classes. Digital communication

was great.

- This is the best class that I have ever taken in UCLA so far, in my four years at UCLA. Love it!

4. The Online Experience and UCLA's Online Program:

4.6) Comments:

- I was able to see Dr. Goldberg live so some of these might not apply to me.
- This category does not particularly apply to me because I took the class in-person.

4.9) If "Other", please specify:

- In class not online
- This category does not necessarily apply to me because I took the class in-person.
- mostly didn't view them online as we attended lectures in real life, only viewed them online when i wanted to review something

4.11) If "Other", please specify:

- I took the class here at UCLA.
- Not online
- this wasn't an online course - i took it on campus, but the other schools we took it with were connected through video conferencing which was cool

4.14) Comments:

- I sat in lecture so I don't think my opinion is valid. But I loved it.
- This category does not necessarily apply to me because I took the class in-person.
- Wasn't online, except for video chatting with UC Davis and Tuskegee

4.19) If "Other", please specify:

- Bulletin board

4.20) Please add any comments you wish to make about this course:

- Amazing. I would, and have, recommend it to anyone and everyone.
- He was the Robin Williams to my Ethan Hawke in Dead Poets Society. I really learned a lot and I had a lot of fun. Thank you.
- I feel so lucky that I stumbled upon this course on UCLA's registrar page. It's been a remarkable experience that I have no doubt will leave a lasting impact on me.
- I like Dr.Goldberg. He is inspirational, experienced, passionate, and responsible. Best class ever.
- I loved it! Definitely the best class I've taken so far, and I will definitely remember it.

- Simply amazing
- This class was the best class I have taken here at UCLA. Yes, it does require a lot of require but nothing too excessive because it was all required in order to master the subject. Professor Goldberg did a great job in teaching the course and I would recommend this class to anyone.
- This is the most useful class I have ever taken at UCLA. I had hardly any interest in genetic engineering while entering this class and enrolled reluctantly, but it was the best academic decision I have made. Dr. Goldberg is a wonderful professor and made every minute of class worthwhile. All funding that this class receives is well-earned and deserved. The content of the class has made me more critical, well-rounded, and eager in my academic pursuits. I tremendously appreciate all that Dr. Goldberg and HC 70A have done for my education.
- While I haven't seen every teacher at UCLA, Dr. Goldberg is the best one, by far, I have seen. That's not to say other teachers aren't good teachers, they are, but he goes the extra mile on everything. He doesn't cut corners, he teaches you that science is a lifestyle, a way of thinking, he's the definition of a hard worker and puts other hard workers to shame.
- unique learning experience, loved the increased interaction with the other students in the class and the professor and TAs