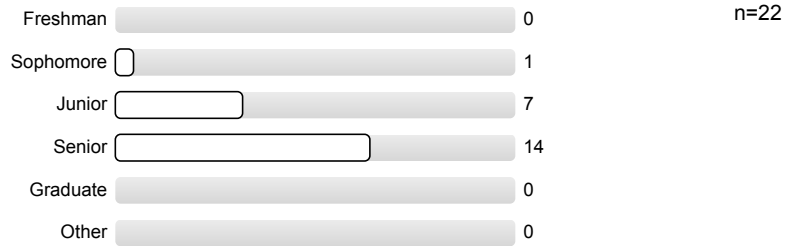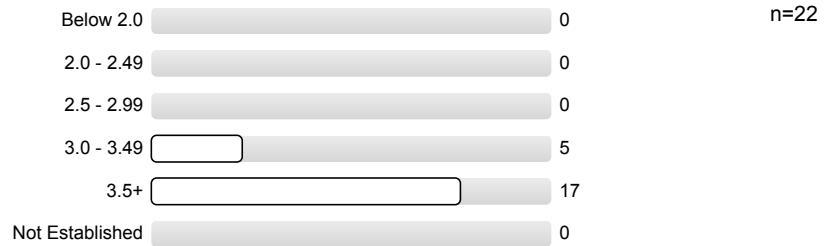**UCLA | EIP**

J. CHEN
Evaluation of Instruction Program Report
22F: BIOENGR 132 LEC 1: NANOGENERATORS
No. of responses = 22
Enrollment = 30
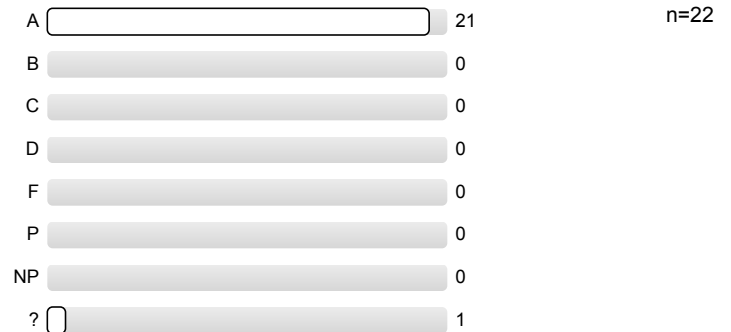Response Rate = 73.33%

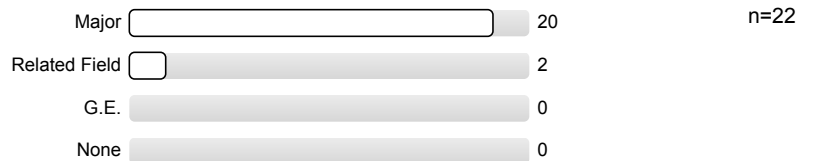## 1. Background Information:

1.1) Year in School:

		n=22
Freshman	0	
Sophomore	1	
Junior	7	
Senior	14	
Graduate	0	
Other	0	

1.2) UCLA GPA:

		n=22
Below 2.0	0	
2.0 - 2.49	0	
2.5 - 2.99	0	
3.0 - 3.49	5	
3.5+	17	
Not Established	0	

1.3) Expected Grade:

		n=22
A	21	
B	0	
C	0	
D	0	
F	0	
P	0	
NP	0	
?	1	

1.4) What requirements does this course fulfill?

		n=22
Major	20	
Related Field	2	
G.E.	0	
None	0	

2. To What Extent Do You Feel That:

2.1) Instructor Concern - The instructor was concerned about student learning.

	Very Low or Never	0	0	0	0	0	0	0	1	21	Very High or Always
		1	2	3	4	5	6	7	8	9	

n=22
av.=8.95
md=9
dev.=0.21

2.2) Organization - Class presentations were well prepared and organized.

	Very Low or Never	0	0	0	0	0	0	1	1	20	Very High or Always
		1	2	3	4	5	6	7	8	9	

n=22
av.=8.86
md=9
dev.=0.47

2.3) Interaction - Students felt welcome in seeking help in or outside of the class.

	Very Low or Never	0	0	0	0	0	0	0	1	21	Very High or Always
		1	2	3	4	5	6	7	8	9	

n=22
av.=8.95
md=9
dev.=0.21

2.4) Communication Skills - The instructor had good communication skills.

	Very Low or Never	0	0	0	0	0	0	0	2	20	Very High or Always
		1	2	3	4	5	6	7	8	9	

n=22
av.=8.91
md=9
dev.=0.29

2.5) Value - You have learned something you consider valuable.

	Very Low or Never	0	0	0	0	0	0	0	4	18	Very High or Always
		1	2	3	4	5	6	7	8	9	

n=22
av.=8.82
md=9
dev.=0.39

2.6) Overall - Your overall rating of the instructor.

	Very Low or Never	0	0	0	0	0	0	0	1	21	Very High or Always
		1	2	3	4	5	6	7	8	9	

n=22
av.=8.95
md=9
dev.=0.21

2.7) Overall - Your overall rating of the course.

	Very Low or Never	0	0	0	0	0	0	1	1	20	Very High or Always
		1	2	3	4	5	6	7	8	9	

n=22
av.=8.86
md=9
dev.=0.47

3. Your View of Course Characteristics:

3.1) Subject interest before course

	Low	6	10	5	High
		1	2	3	

n=21
av.=1.95
md=2
dev.=0.74
ab.=1

3.2) Subject interest after course

	Low	0	4	18	High
		1	2	3	

n=22
av.=2.82
md=3
dev.=0.39

3.3) Mastery of course material

	Low	0	3	19	High
		1	2	3	

n=22
av.=2.86
md=3
dev.=0.35

3.4) Difficulty (relative to other courses)

Low — 10 | 11 | 1 — High

n=22
av.=1.59
md=2
dev.=0.59

3.5) Workload/pace was

Too Slow — 2 | 19 | 1 — Too Much

n=22
av.=1.95
md=2
dev.=0.38

3.6) Texts, required readings

Poor — 1 | 3 | 12 — Excellent

n=16
av.=2.69
md=3
dev.=0.6
ab.=6

3.7) Homework assignments

Poor — 0 | 5 | 11 — Excellent

n=16
av.=2.69
md=3
dev.=0.48
ab.=6

3.8) Graded materials, examinations

Poor — 0 | 4 | 18 — Excellent

n=22
av.=2.82
md=3
dev.=0.39

3.9) Lecture presentations

Poor — 0 | 3 | 19 — Excellent

n=22
av.=2.86
md=3
dev.=0.35

3.10) Class discussions

Poor — 0 | 4 | 17 — Excellent

n=21
av.=2.81
md=3
dev.=0.4
ab.=1

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4. Comments:

4.1) Please identify what you perceive to be the real strengths and weaknesses of this instructor and course.

- Dr. Chen is a fantastic instructor. He is very interested in student learning, and his lectures are engaging and informative. His explanations of class content were always very thorough and easy to understand. He is interested in supporting students both inside and out of class, and I think he helps them prepare for a career in research or device development in his class. He is someone I would reach out to for career advice and mentorship if I needed it. I really enjoyed being in his class and learning about his research!

- Dr. Chen is an amazing professor! He is a great lecturer and very approachable and accommodating; he clearly cares about student learning. Dr. Chen also makes it very clear to students that he is there for us not only as a professor, but a mentor as well, both now and in the future. He genuinely wants to form connections with each and every student, which I appreciate. Other than that, the lecture slides are well structured and organized, clear and concise, and very readable, which makes it easier to learn and retain the material. The exams are designed and graded so that we are rewarded for our ability to think critically and rationalize our decisions; he rewards us for our vision and thought process, rather than simply marking things as right or wrong, which I think is a great approach to learning and education in general that I wish more professors and courses implemented. The material was also more interesting than I had initially anticipated, so my interest in the subject was definitely increased. Overall, I loved having Dr. Chen as a professor and thoroughly enjoyed his course!

- Dr. Chen is probably my favorite professor and the best I have had here at UCLA. His care for his students as well as his willingness to help us succeed is unmatched and I hope he continues this.

- Dr. Chen was a wonderful professor that truly believed in the success of all of the students and aided everyone in understanding the material as well as being able to apply the concepts to problems in the future. He always ensured that everyone understood the concepts that were being discussed in class as well as provided extra explanations in order to solidify the material. The lecture presentations were very informative and allowed for an easier interpretation of the concepts that facilitated the ability to apply the concepts to different types of problems in the future. The additional material on scientific presentations and writing were very helpful in understanding how to improve one's skills for the future. The course as whole was truly excellent and provided a foundation in order to apply the material to many different fields. Overall, Dr. Chen was a wonderful professor that ensured that everyone understood the material as well as was able to have a foundation to apply the concepts in the future.

- Dr. Chen's classes were always well-prepared and interesting. He very much seemed to care for his students and went out of his way to be approachable and helpful. One suggestion might be to make the class more engaging during lectures since 2 hours is a long time for those with a shorter attention span.

- His desire to see students exceed was one of the best I've seen at UCLA. Even though some people are taking the course for a good grade, I believe that the information that Dr. Chen gave to students was invaluable and he is really engaging as well!

- I really enjoyed this class, and I definitely gained a solid understanding of nanogenerators for bioengineering in this class. I appreciate Dr. Chen's passion for teaching the course which made each lecture more engaging. The class was well-structured and the exams and presentations were a fair evaluation of the course mastery. It would be nice to integrate more student interactions with each other and the professor during lectures to allow the time to be more engaging. Overall, the pacing of the course was solid and the class was well-designed.

- Jun Chen cares deeply about his students and their success. He makes nanogenerators accessible and interesting to people who may not have been interested before. He was a great professor and taught this course well.

- Professor Chen is a passionate, kind instructor. In every lecture, I really felt his passion for his field and his excitement about new achievements made his class very enjoyable. His class opened my eyes to a new field that I never heard about before, and I learned a lot about how nanogenerators can implemented for bioengineering. In addition, Dr. Chen was very concerned about student learning, as he had lectures specifically on scientific presentation and writing. I found these lectures very helpful because clear communication is a necessity for any engineering major.

- Professor Chen is so, so kind. I wish I had met him earlier in my studies at UCLA.

- Strengths - Really great class - presentations were clear and concepts were communicated very well. Course structured very well.

  Weaknesses - Can't think of any

- The instructor did a great job teaching the class in an engaging and interesting way. He was always open to answer questions and provided very relevant and interesting examples for the technology discussed in the class. His lectures made me very interested in the course material.

- The lecture presentations were extremely fun and engaging. The professor clearly cared a lot about the students learning and was extremely helpful and supportive. Most students came away from the course with a much deeper understanding of the material as compared to other courses I have taken.

- The teacher is incredible and I genuinely think is one of the best teachers at this school. The content is new which plays into the slow load but he communicates it incredibly. Only advice I would give is that this could probably be a 1 hour class twice or maybeee 3 times a week because a lot of the lectures have repetitive content.

- This class was very enjoyable because it was clear that Dr. Chen was most concerned about our learning and helping us grow as both students and people. He makes sure to remind us that he will always be there to support us both during the class and after. It's clear that he really cares about his students and what he teaches which made the class so much more fun.

- This class was very well organized, and the lecture material was presented in a way that allowed for students to fully grasp the content and gain a well-rounded understanding. Students felt very welcomed to ask questions and learn! There was no need to attend the discussion sections, which can be an opportunity to apply more of the material in other ways. Overall, the exams provided students a chance to display what they had learned.

- This course is very engaging and is structured very well. The lectures are structured to ensure that they build upon each other and makes it easier to retain all of the material. Dr. Chen is a great lecturer and is able to explain all of the course content clearly. He is also extremely supportive of students and is always willing to provide any resources or advice that we may need in and out of class. The course also provides opportunities to develop presentation and scientific skills which is also very useful.

- best professor i have had. he wants students to succeed and i think this is great.

Profile

2. To What Extent Do You Feel That:

2.1) Instructor Concern - The instructor was concerned about student learning.	Very Low or Never — Very High or Always	n=22	av.=8.95
2.2) Organization - Class presentations were well prepared and organized.	Very Low or Never — Very High or Always	n=22	av.=8.86
2.3) Interaction - Students felt welcome in seeking help in or outside of the class.	Very Low or Never — Very High or Always	n=22	av.=8.95
2.4) Communication Skills - The instructor had good communication skills.	Very Low or Never — Very High or Always	n=22	av.=8.91
2.5) Value - You have learned something you consider valuable.	Very Low or Never — Very High or Always	n=22	av.=8.82
2.6) Overall - Your overall rating of the instructor.	Very Low or Never — Very High or Always	n=22	av.=8.95
2.7) Overall - Your overall rating of the course.	Very Low or Never — Very High or Always	n=22	av.=8.86

3. Your View of Course Characteristics:

3.1) Subject interest before course	Low — High	n=21	av.=1.95
3.2) Subject interest after course	Low — High	n=22	av.=2.82
3.3) Mastery of course material	Low — High	n=22	av.=2.86
3.4) Difficulty (relative to other courses)	Low — High	n=22	av.=1.59
3.5) Workload/pace was	Too Slow — Too Much	n=22	av.=1.95
3.6) Texts, required readings	Poor — Excellent	n=16	av.=2.69
3.7) Homework assignments	Poor — Excellent	n=16	av.=2.69
3.8) Graded materials, examinations	Poor — Excellent	n=22	av.=2.82
3.9) Lecture presentations	Poor — Excellent	n=22	av.=2.86
3.10) Class discussions	Poor — Excellent	n=21	av.=2.81