# Evaluation of Instruction Program Report

**23W: BIOENGR 167L LEC 1: BIOENGINEERING LAB**

- No. of responses = 30
- Enrollment = 35
- Response Rate = 85.71%

## 1. Background Information:

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2. To What Extent Do You Feel That:

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

Very Low or Never

Very Low or Never

n=30
av.=8.73
md=9
dev.=1.46

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

Very Low or Never

n=30
av.=9
md=9
dev.=0

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

Very Low or Never

n=30
av.=9
md=9
dev.=0

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

Very Low or Never

n=30
av.=8.97
md=9
dev.=0.18

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

Very Low or Never

n=30
av.=8.83
md=9
dev.=0.65

2.6) Overall – Your overall rating of the instructor.

Very Low or Never

n=30
av.=9
md=9
dev.=0

2.7) Overall – Your overall rating of the course.

Very Low or Never

n=30
av.=8.97
md=9
dev.=0.18

3. Your View of Course Characteristics:

3.1) Subject interest before course

Low

n=30
av.=2.13
md=2
dev.=0.68

3.2) Subject interest after course

Low

n=30
av.=2.83
md=3
dev.=0.38
3.3) Mastery of course material

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n=30, av.=2.9, md=3, dev=0.31

3.4) Difficulty (relative to other courses)

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n=30, av.=1.9, md=2, dev=0.81

3.5) Workload/pace was

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3.6) Texts, required readings

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3.7) Homework assignments

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n=27, av.=2.74, md=3, dev=0.45, ab=3

3.8) Graded materials, examinations

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n=27, av.=2.89, md=3, dev=0.32, ab=3

4. ABET Course Outcomes (please note that these questions are required to be answered)

4.1) (a) Learn how to work effectively and safely in a laboratory setting

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n=30, av.=4.77, md=5, dev=0.57

4.2) (b) Gain a diverse skill set of skills useful for bioengineering practice

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n=30, av.=4.77, md=5, dev=0.57

4.3) (c) Document experimental progress in a laboratory notebook, analyze and prepare scientific papers/reports

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n=30, av.=4.7, md=5, dev=0.65
5. Comments:

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

- Best professor I've had at UCLA. Cares about student success and performance, providing support for that.

- Dr. Chen is a great lecturer. He makes sure you understand the concept instead of just simply memorizing things. He is extremely encouraging and helps students in all that they need by providing constant guidance and support.

- Dr. Chen is the kindest professor in the Bioengineering department. He is always very concerned for student learning, and his excitement about his work really rubs off on the students. His lecture slides are very organized and clean, and are great at providing relevant information. The exams were very fair based on the course material, and the lab protocols were easy to follow. I feel like I learned a lot about dry lab device design and experimentation.

- Dr. Chen was a very good lecturer and made sure his students understood the lecture material well. When students asked questions outside of the scope of the class, he always answered them well and using current research to explain why things are the way they are. Overall, he's a great professor and easy to approach and ask questions.

- Dr. Chen always brought excitement to his lectures and the content he presented. I appreciate the way Dr. Chen always emphasized that he was here for his students and willing to help them succeed if they reach out. Dr. Chen's overall attitude and approach to the class was refreshing and nice to see!

- Excellent course, learned about the new cutting edge technology in bioengineering. Nanogenerators was a very interesting subject and Dr. Chen made it all the more exciting to learn.

- His strengths were definitely that he was always willing to go out of his way to be extremely helpful and was very kind and approachable. His presentations were always very organized and his examinations reflected exactly what we were learning in lectures. The only thing I would recommend is to spread out learning more throughout the quarter - it seemed like we learned a bunch right at the start of the quarter and then coasted for the rest of it. I would also recommend giving us more guidance about HOW to do things and the expectations to get a good grade, as well as feedback so we can learn from our mistakes.

- I had the privilege of taking a class with Dr. Jun Chen and I must say that he is one of the kindest professors I have ever met. His friendly demeanor and approachable nature made it easy for me to engage with him in class and outside of it. He is genuinely interested in getting to know his students and helping them succeed.

Dr. Chen's lectures were particularly interesting because they focused on the application of MEGs, and he presented the material in an engaging way that kept the class interested. What I appreciated the most about his lectures was that he made sure to relate the theoretical concepts to real-world situations, which helped me to understand how to apply what we were learning.

Moreover, Dr. Chen encouraged interactive discussions, which made the class even more interesting. He was always open to hearing our thoughts and opinions, and he welcomed questions and feedback. I found this to be particularly helpful because it made me feel comfortable asking for clarification when I needed it.

I was also touched by Dr. Chen's kindness in offering organic teas during his office hours. It was a simple gesture, but it made me feel valued as a student. It showed that he was interested in creating a positive learning environment and cared about our well-being.

In conclusion, I would definitely take another class with Dr. Jun Chen. I learned a lot from his teaching
methods, and his approachable nature made it easy to engage with him and the material. I highly
recommend his class to anyone who is interested in learning more about MEGs.

- Professor Chen did a great job in teaching this course for bioe students. He was very knowledgable
about the content and made his lectures interesting and fun to listen to.

- Professor Chen has been one of the most supportive and kind professors I have had the pleasure of
working with at UCLA. This is my second class with him, and I felt compelled to take this one above
others due to his care for his students and positive learning environment.

- Professor Chen was a lovely professor to work with for this course. You can tell he is deeply passionate
about his research and he pours that passion into his lectures. I had little knowledge of nanogenerators
prior to this course but have grown immensely interested in them. Professor Chen wants everyone to do
well and it shows. He was incredibly approachable, understanding and helpful. I would recommend
more people to take his class and cannot wait to take his other nanogenerator classes as well!

- Professor Chen was the nicest and most welcoming professor. He made an effort to truly teach us and
his class lectures were always so passionate. I really appreciate all his help and for a great class class
this quarter.

- Professor Chen was very helpful and accommodating. He always emphasized how much he wanted us
to succeed and really did show that through his support and teaching. Thank you so much for an
amazing quarter professor!

- Professor provide us very practical and friendly learning environment which is just dream university life.
I personally learned a lot, picked up a lot of skills.  
Best of the best class I ever take so far.  
Really hope university provide this type of classes more as a major requirements because I learned
super fun and easy and learned the most from this class.  
I feel like if I can take this type of classes instead of just talking about concepts in stuff like other typical
classes, I can be more successful engineer.  
Also very organized and full of nice consideration toward student learning from professors and TAs.
Thank you everyone! I am looking forward to work together even further!

- Strengths - The instructor was very welcoming to the students, and he presented his material very well.
Weaknesses - I felt like the first few weeks of lab were not as challenging. I think in the future, creating
more challenging lab work would be a good change.

- Thank you Dr. Chen. This class was super interesting and his passion for the material and concern for
students learning was very clear. The labs are interesting and well integrated with the lectures. This
class introduced me to a portion of bioengineering i was not aware of and now i find super interesting.
Plus, he is very encouraging of students continuing their class projects in his lab for research, as this is
such a new field of study.

- This class was so great! Dr. Chen is always very accommodating and eager to help guide students. He
has so much knowledge in his field and this class was a great introduction to the material he teaches, I
loved making different nanogenerators each week! The topics build each week, but the workload is
never too much and it was always explained very well!!

- This instructor was extremely concerned about student learning and got to know every individual
student. The presentations and labs were very well constructed and prepared.

- This instructor was fantastic. He will go out of his way to ensure that students have every possible
resource they could need. I enjoyed this class a lot, and I'm doing it as a tech breadth class so it's not
actually a major requirement class for me. However, I LOVED it!

- Very caring and passionate about his students!

- loved this class
Profile

Subunit: BIOENGR
Name of the instructor: J. CHEN
Name of the course: 23W: BIOENGR 167L LEC 1: BIOENGINEERING LAB

Values used in the profile line: Mean

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=30
   - av.=8.73

2.2) Organization – Class presentations were well prepared and organized.
   - Very Low or Never
   - Very High or Always
   - n=30
   - av.=9.00

2.3) Interaction – Students felt welcome in seeking help in or outside of the class.
   - Very Low or Never
   - Very High or Always
   - n=30
   - av.=9.00

2.4) Communication Skills – The instructor had good communication skills.
   - Very Low or Never
   - Very High or Always
   - n=30
   - av.=8.97

2.5) Value – You have learned something you consider valuable.
   - Very Low or Never
   - Very High or Always
   - n=30
   - av.=8.83

2.6) Overall – Your overall rating of the instructor.
   - Very Low or Never
   - Very High or Always
   - n=30
   - av.=9.00

2.7) Overall – Your overall rating of the course.
   - Very Low or Never
   - Very High or Always
   - n=30
   - av.=8.97

3. Your View of Course Characteristics:

3.1) Subject interest before course
   - Low
   - High
   - n=30
   - av.=2.13

3.2) Subject interest after course
   - Low
   - High
   - n=30
   - av.=2.83

3.3) Mastery of course material
   - Low
   - High
   - n=30
   - av.=2.90

3.4) Difficulty (relative to other courses)
   - Low
   - High
   - n=30
   - av.=1.90

3.5) Workload/pace was
   - Too Slow
   - Too Much
   - n=30
   - av.=2.00

3.6) Texts, required readings
   - Poor
   - Excellent
   - n=26
   - av.=2.58

3.7) Homework assignments
   - Poor
   - Excellent
   - n=27
   - av.=2.74

3.8) Graded materials, examinations
   - Poor
   - Excellent
   - n=30
   - av.=2.87

3.9) Lecture presentations
   - Poor
   - Excellent
   - n=30
   - av.=2.93

3.10) Class discussions
   - Poor
   - Excellent
   - n=27
   - av.=2.89
## 4. ABET Course Outcomes (please note that these questions are required to be answered)

<table>
<thead>
<tr>
<th>Course Outcomes</th>
<th>Poor</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th>Excellent</th>
<th>n=30</th>
<th>av.=4.77</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.1) (a) Learn how to work effectively and safely in a laboratory setting</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Excellent</td>
<td>n=30</td>
<td>av.=4.77</td>
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<tr>
<td>4.2) (b) Gain a diverse skill set of skills useful for bioengineering practice</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Excellent</td>
<td>n=30</td>
<td>av.=4.77</td>
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<tr>
<td>4.3) (c) Document experimental progress in a laboratory notebook, analyze and prepare scientific papers/reports</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Excellent</td>
<td>n=30</td>
<td>av.=4.70</td>
</tr>
</tbody>
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