

## GEORGIA INSTITUTE OF TECHNOLOGY

THE GEORGE W. WOODRUFF SCHOOL OF MECHANICAL ENGINEERING

**NRE/ME 7757: Teaching Practicum**

SPRING 2016

### Evaluation of Teaching Associate

Name of Teaching Associate: Bo Zhao

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. Associate was well-prepared.	✓				
2. Associate spoke clearly and could be heard easily.	✓				
3. Associate lectured at a reasonable pace.	✓				
4. Associate utilized board effectively.	✓				
5. Lecture material was well-organized and meaningful.	✓				
6. Associate demonstrated knowledge of the material.	✓				
7. Associate asked and answered questions effectively.	✓				
8. Associate stimulated interest in the subject matter.	✓				
9. Associate encouraged student participation.	✓				
10. Associate explained material clearly.	✓				
11. Associate realized when students were confused.	✓				
12. Associate was secure in class situation.	✓				
13. Associate made me think.	✓				
14. Associate was an effective teacher.	✓				

What did you like least about the lecture and why?

*Might be too abstract*

What did you like most about the lecture and why?

*Very well prepared and clearly presented.*

What was most effective about the Associate's teaching?

*Clear speech, good explanation*

What would make the Associate's teaching more effective?

*More examples, since material itself is too theoretical.*

Other comments.

*Nothing. Very good teacher overall.*

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What did you like least about the lecture and why?

What did you like most about the lecture and why?

It was helpful to understand the meaning of many equations.  
 Helped me get a better theoretical understanding.

What was most effective about the Associate's teaching?

Extremely prepared, good slides, did not go too quickly.

What would make the Associate's teaching more effective?

Other comments.

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13. Associate made me think.		✓			
14. Associate was an effective teacher.		✓			

What did you like least about the lecture and why?

Although this is a rigorously mathematical subject, there was a lack of visual representations of the math.

What did you like most about the lecture and why?

Most equations were derived & explained

What was most effective about the Associate's teaching?

Explanation of equations

What would make the Associate's teaching more effective?

More visual representations (figures, videos of waves, etc...)

Other comments.

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14. Associate was an effective teacher.		✓			

What did you like least about the lecture and why?

Too many complex derivations made it a bit dull to follow.

What did you like most about the lecture and why?

Good transition between slides, and topics covered. Good examples were given that were easy to relate to.

What was most effective about the Associate's teaching?

The lecture was well paced & covered thoroughly. <sup>His</sup> Good understanding of <sup>associate's</sup> subj matter made it easier to follow.

What would make the Associate's teaching more effective?

Better use of board, fewer equation intensive slides. Would've been nice if 3-D images & stuff were explained more clearly.

Other comments.

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Name of Teaching Associate: Bo Zhao

	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1. Associate was well-prepared.		X			
2. Associate spoke clearly and could be heard easily.	X				
3. Associate lectured at a reasonable pace.		X			
4. Associate utilized board effectively.			X		
5. Lecture material was well-organized and meaningful.					
6. Associate demonstrated knowledge of the material.		X			
7. Associate asked and answered questions effectively.		X			
8. Associate stimulated interest in the subject matter.			X		
9. Associate encouraged student participation.			X		
10. Associate explained material clearly.		X			
11. Associate realized when students were confused.			X		
12. Associate was secure in class situation.	X				
13. Associate made me think.	X				
14. Associate was an effective teacher.			X		

What did you like least about the lecture and why?

*Very cursory look at the material → a deeper explanation would have been useful*

What did you like most about the lecture and why?

*Clear, physical explanations of phenomena*

What was most effective about the Associate's teaching?

*Physical explanations for phenomena  
Clear graphics*

What would make the Associate's teaching more effective?

*Better board organization, better pacing (recommend against using PowerPoint for equation development for this reason).*

Other comments.

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13. Associate made me think.	X				
14. Associate was an effective teacher.	X				

What did you like least about the lecture and why?

This may be because the subject matter is very difficult, but it was very easy to get lost in the figures for the radiation patterns.

What did you like most about the lecture and why?

Bo was able to keep my attention for most of the lecture period. He explained the concepts very well.

What was most effective about the Associate's teaching?

He was very well versed in the material he was teaching. This understanding transferred to effective teaching.

What would make the Associate's teaching more effective?

Maybe some demonstrations, but I don't know how feasible that is.

Other comments.

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14. Associate was an effective teacher.	✓				

What did you like least about the lecture and why?

*Difficult material, but that is not Bo's fault.*

What did you like most about the lecture and why?

*Bo was well spoken and knew the material well.*

What was most effective about the Associate's teaching?

*Very knowledgeable on topic despite being difficult.  
Effectively could answer all questions asked*

What would make the Associate's teaching more effective?

*no suggestion*

Other comments.

*good job!*

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11. Associate realized when students were confused.	X				
12. Associate was secure in class situation.	X				
13. Associate made me think.	X				
14. Associate was an effective teacher.	X				

What did you like least about the lecture and why?

*lots of equations*

What did you like most about the lecture and why?

*lots of physics, but not so detailed as to confound everyone with overly complex derivations*

What was most effective about the Associate's teaching?

*powerpoints were available so we didn't have to rush to write down all equations*

What would make the Associate's teaching more effective?

*could add some calculation examples to see how eqns used.*

Other comments.

*might be better at teaching than Dr. Zhang*



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What did you like least about the lecture and why?

*Theory can be a bit dense but I understand that the material just presents itself that way*

What did you like most about the lecture and why?

*was good at explaining concepts in simpler ways to help with comprehension*

What was most effective about the Associate's teaching?

*Adding small notes to help the student understand difficult concepts in laymans terms*

What would make the Associate's teaching more effective?

*No comments*

Other comments.

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What did you like least about the lecture and why?

What did you like most about the lecture and why?

*The examples.*

What was most effective about the Associate's teaching?

What would make the Associate's teaching more effective?

*More figures.*

Other comments.

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What did you like least about the lecture and why?

The lack of example problems but it is understandable due to time constraint.

What did you like most about the lecture and why?

The presentation- it was clear, informative, and precise.

What was most effective about the Associate's teaching?

His knowledge of the subject.

What would make the Associate's teaching more effective?

Probably more references on the slides as to which equations or situations will be most helpful for the assignments.

Other comments.

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What did you like least about the lecture and why? Had he more time, I think he would have done a better job of presenting the material.

What did you like most about the lecture and why? his approach to lecture notes.

What was most effective about the Associate's teaching? He did not just read the book to the class but presented his own material.

What would make the Associate's teaching more effective? Ask questions to engage students in active learning rather than just reciting back material.

Other comments. He has promise.

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What did you like least about the lecture and why?

~~There are not enough details.~~ There are not enough details.

What did you like most about the lecture and why?

Let me have a brief understanding of thermal radiation

What was most effective about the Associate's teaching?

His ppt.

What would make the Associate's teaching more effective?

More examples (like solve some problems)

Other comments.

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What did you like least about the lecture and why?

What did you like most about the lecture and why?

Bo put noticeable effort into simplifying or rephrasing complex concepts instead of reiterating material from the text.

What was most effective about the Associate's teaching?

He used the board in addition to ppt slides

What would make the Associate's teaching more effective?

Other comments.

Good job at seeking student engagement

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What did you like least about the lecture and why?

There weren't enough lectures for him to tackle such a broad topic. He did make the most of it though.

What did you like most about the lecture and why?

He provided real life examples alongside the equation heavy lecture slides.

What was most effective about the Associate's teaching?

His pace of teaching matched the complexity of the topics.

What would make the Associate's teaching more effective?

Maybe if there were more lectures to work on the topic, the students would have a more complete experience on the subject.

Other comments.