

Merged Courses: 20MTEN5110 001 - PHYSICAL PROPERTIES OF SOLIDS
20MTEN6010 001 - PHYS PROP SOLIDS

Department: 20MTEN

Responsible Faculty: Donglu Shi

Responses / Expected: 14 / 30 (46.67%)

Focus: Overall Results

Overall Mean: 4.64 5pt likert Excellent-Poor (14 responses)

Common Set Course Overall	20MTEN5110/6010 - 001													--- Survey Comparisons ---			
	Responses							Course							All		
	5E	4G	3A	2F	1P	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	N	Mean	Grp Med	Pct Rnk
Q1 Please rate the quality of the course.	10	3	1	0	0	14	4.64	4.80	5	5	3	5	.61	7.9K	3.98	4.21	68
Responses: [5E] 5 Excellent=5 [4G] 4 Good=4 [3A] 3 Average=3 [2F] 2 Fair=2 [1P] 1 Poor=1 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)																	

Q2 - Please describe the most valuable aspects of this course.

Response Rate: 71.43% (10 of 14)

- 1 This class is set up perfectly to teach advanced material application. The instructor was well-versed in the material and was very sociable.
- 2 The varied physics and applications introduced
- 3 The teaching skills and helping students to understand topics.
- 4 The best thing about the class is the professor harps on the understanding of the topics and not just the problem to problem details. Understanding and being able to speak a conversation about the topics are what the goal was for the class and that is what he gave us.
- 5 Professor was very passionate about the course material and he really wanted students to learn. I feel like I learned a lot from the course.
- 6 Professor will share his research to us, and consist them to this class.
- 7 Professor Shi is one of, if not the most intelligent and passionate professor I have had in my college career. He is an excellent communicator and provides ample notes to be accessed inside or outside of class.
- 8 I have taken courses in this field before, however, Professor Shi was able to clearly explain every topic super clearly. He did a great job of making difficult concepts easier to understand while not expecting perfection.
- 9 His ability to work with the students.
- 10 Electron mean free path, relaxation time, energy gap, activation energy, Dielectrics, permittivity, permeability, magnetism, susceptibility, Light, EM waves and shielding, dipoles, quantum mechanics, Schrodinger's cat and equation, theory of quantum entanglement.

Q3 - Are there any changes you would make to this course to improve your learning? If yes, please describe the proposed changes.

Response Rate: 64.29% (9 of 14)

- 1 Professor really introduced many devices during the class.
- 2 None

- 3 No, Professor Shi does an excellent job. I really enjoyed him as my professor.
- 4 NA
- 5 N/A
- 6 N/A
- 7 N/A
- 8 Just a classroom with front whiteboards. Everything else was great!
- 9 Could add Plasma Physics and RF science.

Results Summary by Question Category/Sub-Category

20MTEN5110/6010 - 001													
Question Categories / Sub-Categories	Responses							Course					
	5E	4G	3A	2F	1P	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev
C1 Common Set Course	10	3	1	0	0	14	4.64	4.80	5	5	3	5	.61
Responses: [5E] 5 Excellent=5 [4G] 4 Good=4 [3A] 3 Average=3 [2F] 2 Fair=2 [1P] 1 Poor=1													

Merged Courses: 20MTEN5110 001 - PHYSICAL PROPERTIES OF SOLIDS
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Department: 20MTEN

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Responses / Expected: 14 / 30 (46.67%)

Overall Mean: **4.79** 5pt likert Excellent-Poor (14 responses)
4.69 5-Point Likert Scale SA-SD N/A (112 responses)

Common Set Faculty Instructor-Based		Donglu Shi													--- Survey Comparisons ---			
		Responses							Individual						All			
		SA	A	N	D	SD	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	N	Mean	Grp Med	Pct Rnk
Q1	The instructor delivered the course content in an organized manner.	9	5	0	0	0	14	4.64	4.72	5	5	4	5	.48	8K	4.20	4.48	61
Q2	The instructor communicated the content of this course in ways that I could comprehend	9	4	1	0	0	14	4.57	4.72	5	5	3	5	.62	8K	4.15	4.43	60
Q3	The instructor provided feedback that helped me learn the course material.	9	3	2	0	0	14	4.50	4.72	5	5	3	5	.73	8K	4.09	4.37	56
Q4	The instructor applied the grading criteria consistently.	11	3	0	0	0	14	4.79	4.86	5	5	4	5	.41	8K	4.23	4.52	69
Q5	The instructor created a classroom atmosphere/learning environment free of political, racial, gender, and religious bias.	12	2	0	0	0	14	4.86	4.92	5	5	4	5	.35	7.9K	4.62	4.78	66
Q6	The instructor treated students with dignity and respect.	13	1	0	0	0	14	4.93	4.96	5	5	4	5	.26	8K	4.55	4.74	68
Q7	The instructor encouraged students to discuss varying opinions and viewpoints in the class/learning environment.	11	2	0	1	0	14	4.64	4.86	5	5	2	5	.81	7.8K	4.38	4.62	56
Q8	The instructor's teaching methods were effective.	9	4	1	0	0	14	4.57	4.72	5	5	3	5	.62	8K	4.05	4.34	61

Responses: [SA] Strongly Agree=5 [A] Agree=4 [N] Neutral=3 [D] Disagree=2 [SD] Strongly Disagree=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

20MTEN Questions 20MTEN People-Based Questions		Donglu Shi													--- Survey Comparisons ---			
		Responses							Individual						All			
		5E	4G	3A	2F	1P	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	N	Mean	Grp Med	Pct Rnk
Q9	Please rate the quality of this professor.	12	1	1	0	0	14	4.79	4.92	5	5	3	5	.56	110	4.70	4.88	43

Responses: [5E] 5 Excellent=5 [4G] 4 Good=4 [3A] 3 Average=3 [2F] 2 Fair=2 [1P] 1 Poor=1
Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	Responses								Individual				
	SA	A	N	D	SD	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev
S1 Instructor-Based	83	24	4	1	0	112	4.69	4.83	5	5	2	5	.58
C2 Common Set Faculty	83	24	4	1	0	112	4.69	4.83	5	5	2	5	.58

Responses: [SA] Strongly Agree=5 [A] Agree=4 [N] Neutral=3 [D] Disagree=2 [SD] Strongly Disagree=1

Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	Responses								Individual				
	5E	4G	3A	2F	1P	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev
C1 20MTEN Questions	12	1	1	0	0	14	4.79	4.92	5	5	3	5	.56

Responses: [5E] 5 Excellent=5 [4G] 4 Good=4 [3A] 3 Average=3 [2F] 2 Fair=2 [1P] 1 Poor=1