

**Merged Courses:** 20MTEN5115 001 - EMERGING FUNCTIONAL MATERIALS  
20MTEN6015 001 - EMERGING FUNCTIONAL MATERIALS

**Department:** 20MTEN

**Responsible Faculty:** Donglu Shi

**Responses / Expected:** 9 / 17 (52.94%)

**Focus:** Overall Results

**Overall Mean:** 4.44 5pt likert Excellent-Poor (9 responses)

Common Set Course Overall	20MTEN5115/6015 - 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.	5	3	1	0	0	9	4.44	4.60	5	5	3	5	.68	7K	3.94	4.19	50
<b>Responses:</b> [5E] 5 Excellent=5 [4G] 4 Good=4 [3A] 3 Average=3 [2F] 2 Fair=2 [1P] 1 Poor=1 <b>Pct Rnk:</b> Percentile Rank (100 is best, calculated vs. precise Mean)																	

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

**Response Rate:** 66.67% (6 of 9)

- our midterm and final are like a paper which we need to inspire our innovative and do individual study to complete them rather than regular exam.
- This class challenges you to design solutions utilizing learnings from the class in a creative and constructive manner!
- The way of teaching is really good, with experiments
- The instructor is very passionate about the topics that he teaches and it was helpful to have real life examples and case studies and learn from his experiences.
- Learning of Fundamental mechanism behind everything.
- I learnt a lot by writing the paper about the material, I think it's a good way to look at the certain use of those materials in industry.

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

**Response Rate:** 55.56% (5 of 9)

- everything's good
- NA
- It was a pleasure to be a student in this class.
- I think the course is good for me to learn.
- Adding of one more module to the class schedule : Plasma Physics (RF Plasma)

**Results Summary by Question Category/Sub-Category**

Question Categories / Sub-Categories	20MTEN5115/6015 - 001												
	Responses							Course					
	5E	4G	3A	2F	1P	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev
C1 Common Set Course	5	3	1	0	0	9	4.44	4.60	5	5	3	5	.68
<b>Responses:</b> [5E] 5 Excellent=5 [4G] 4 Good=4 [3A] 3 Average=3 [2F] 2 Fair=2 [1P] 1 Poor=1													

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**Responses / Expected:** 9 / 17 (52.94%)

**Overall Mean:** **8.78** ODHE 10 Pt (9 responses)  
**4.89** 5pt likert Excellent-Poor (9 responses)  
**4.63** 5-Point Likert Scale SA-SD N/A (63 responses)  
**2.00** Yes/No (9 responses)  
**1.89** Yes/No/NA (9 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.																
Q2	The instructor communicated the content of this course in ways that I could comprehend																
Q3	The instructor provided feedback that helped me learn the course material.																
Q4	The instructor applied the grading criteria consistently.																
Q5	The instructor provided a learning atmosphere that was supportive.																
Q6	The instructor treated students with dignity and respect.																
Q7	The instructor's teaching methods were effective.																

**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)

State of Ohio Questions Instructor-Based	Donglu Shi													--- Survey Comparisons ---			
	Responses				Individual						All						
	YES	NO	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	N	Mean	Grp Med	Pct Rnk			
Q8	Does the faculty member create a classroom atmosphere free of political, racial, gender, and religious bias?																

**Responses:** [YES] Yes=2 [NO] No=1  
**Pct Rnk:** Percentile Rank (100 is best, calculated vs. precise Mean)

State of Ohio Questions Instructor-Based	Donglu Shi													--- Survey Comparisons ---			
	Responses				Individual						All						
	YES	NO	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	N	Mean	Grp Med	Pct Rnk			
Q9	Are students encouraged to discuss varying opinions and viewpoints in class?																

**Responses:** [YES] Yes=2 [NO] No=1  
**Pct Rnk:** Percentile Rank (100 is best, calculated vs. precise Mean)

State of Ohio Questions Instructor-Based	Donglu Shi																--- Survey Comparisons ---						
	Responses												Individual				All						
	1NE	2ME	3SE	4SE	5ME	6FE	7E	8VE	9HE	1EE	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	N	Mean	Grp Med	Pct Rnk	
Q10	On a scale of 1-10, how effective are the																						

teaching  
methods  
of this  
faculty  
member?

**Responses:** [1NE] 1 (Not Effective at All)=1  
[2ME] 2 (Minimally Effective)=2  
[3SE] 3 (Slightly Effective)=3  
[4SE] 4 (Somewhat Effective)=4  
[5ME] 5 (Moderately Effective)=5  
[6FE] 6 (Fairly Effective)=6  
[7E] 7 (Effective)=7  
[8VE] 8 (Very Effective)=8  
[9HE] 9 (Highly Effective)=9  
[1EE] 10 (Extremely Effective)=10

**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
Q11 Please rate the quality of this professor.	8	1	0	0	0	9	4.89	4.94	5	5	4	5	.31	85	4.79	4.87	34

**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	Donglu Shi												
	Responses						Individual						
	SA	A	N	D	SD	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev
S1 Instructor-Based	42	19	2	0	0	63	4.63	4.75	5	5	3	5	.54
C2 Common Set Faculty	42	19	2	0	0	63	4.63	4.75	5	5	3	5	.54

**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	Donglu Shi										
	Responses					Individual					
	YES	NO	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	
C1 State of Ohio Questions	9	0	9	2.00	2.00	2	2	2	2	0	

**Responses:** [YES] Yes=2 [NO] No=1

### Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	Donglu Shi										
	Responses					Individual					
	YES	NO	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	
C1 State of Ohio Questions	1	0	9	1.89	2.00	2	2	1	2	.31	

**Responses:** [YES] Yes=2 [NO] No=1

### Results Summary by Question Category/Sub-Category

Question Categories / Sub-Categories	Donglu Shi																	
	Responses										Individual							
	1NE	2ME	3SE	4SE	5ME	6FE	7E	8VE	9HE	1EE	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev
C1 State of Ohio Questions	0	0	0	0	0	1	1	1	2	4	9	8.78	9.25	9	10	6	10	1.40

**Responses:** [1NE] 1 (Not Effective at All)=1  
[2ME] 2 (Minimally Effective)=2  
[3SE] 3 (Slightly Effective)=3  
[4SE] 4 (Somewhat Effective)=4

- [5ME] 5 (Moderately Effective)=5
- [6FE] 6 (Fairly Effective)=6
- [7E] 7 (Effective)=7
- [8VE] 8 (Very Effective)=8
- [9HE] 9 (Highly Effective)=9
- [1EE] 10 (Extremely Effective)=10

### Results Summary by Question Category/Sub-Category

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Question Categories / Sub-Categories	Donglu Shi												
	Responses						Individual						
	5E	4G	3A	2F	1P	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev
C1 20MTEN Questions	8	1	0	0	0	9	4.89	4.94	5	5	4	5	.31
Responses: [5E] 5 Excellent=5 [4G] 4 Good=4 [3A] 3 Average=3 [2F] 2 Fair=2 [1P] 1 Poor=1													