2018 | 2181 | CEAS | College of Engineering Survey 2181-1 (2018)

University of Cincinnati University of Cincinnati

Course:	20MTEN3012 001 - INTRO TO METALLURGY	Department:	20MTEN
Responsible Faculty:	Donglu Shi	Responses / Expected:	11 / 20 (55%)

								20MTE	N301	2 - 001							- Surv	vey C	ompai	risons ·		
ABE	T sample a thru k		Res	spon	ses	5				Co	urse					20M	TEN			AI	I	
Gen		SD	D	NO	A	SA	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	N	Mean	Grp Med	Pct Rnk	N	Mean	Grp Med	1
Q1	apply my knowledge of math, science, and/or engineering	0	0	0	4	7	11	4.6	4.7	5	5	4	5	.48	84	4.3	4.4	81	4.5K	4.2	4.4	78
Q2	design and conduct experiments	0	1	5	3	2	11	3.5	3.4	3	3	2	5	.89	83	3.5	3.5	31	4.5K	3.7	3.9	36
Q3	analyze and interpret data	0	0	0	6	5	11	4.5	4.4	4	4	4	5	.50	83	4.1	4.2	56	4.5K	4.1	4.2	66
Q4	design a system, component, or process to meet desired needs within realistic constraints	0	1	4	1	5	11	3.9	4.0	4	5	2	5	1.08	84	3.7	3.8	56	4.5K	4.1	4.3	32
Q5	work as a team member	0	2	7	0	2	11	3.2	3.0	3	3	2	5	.94	84	3.7	3.7	19	4.5K	4.0	4.3	18
Q6	identify, formulate, and solve engineering problems	0	0	1	2	8	11	4.6	4.8	5	5	3	5	.64	84	4.2	4.2	94	4.5K	4.2	4.3	78
Q7	understand professional and ethical responsibility	0	1	3	3	4	11	3.9	4.0	4	5	2	5	1	84	3.7	3.6	56	4.5K	3.8	4.0	46
Q8	communicate (orally) effectively	0	1	3	4	3	11	3.8	3.9	4	4	2	5	.94	84	3.6	3.6	56	4.5K	3.8	4.0	44
Q9	communicate (written) effectively	0	1	1	4	5	11	4.2	4.4	4	5	2	5	.94	84	3.9	4.0	69	4.5K	4.0	4.2	55
Q10	understand the impact of engineering solutions in a broad context	0	0	1	2	8	11	4.6	4.8	5	5	3	5	.64	83	4.2	4.3	81	4.5K	4.1	4.2	86
Q11	use techniques, skills or modern engineering tools necessary for engineering practice	0	0	1	4	6	11	4.5	4.6	5	5	3	5	.66	83	4.1	4.2	56	4.5K	4.2	4.4	62

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

Gener	T General Questions		D - 1					Do	nglu S									vey C	ompai	risons ·		
	eral	<u> </u>		spon NO			N	Mean	Grp		ridual Mode	Low	High	Std	N	Mean	TEN Grp		N	Al Mean	Grp	1 1
Q12	The course was well planned.	0	0	0	5	6	11	4.5	Med 4.6	5	5	4	5	Dev .50	84	4.1	Med 4.2	Rnк 75	4.6K	4.1	меа 4.3	Rnk 70
	The professor was										<u> </u>											

Survey Report

Q13	approachable to discuss problems related to the course.	0	0	1	1	9	11	4.7	4.9	5	5	3	5	.62	84	4.2	4.4	81	4.6K	4.3	4.6	72
Q14	Class assignments and exams were relevant to the course material.	0	0	0	1	10	11	4.9	5.0	5	5	4	5	.29	84	4.2	4.4	81	4.6K	4.3	4.5	89
Q15	The grading was fair.	0	0	0	1	10	11	4.9	5.0	5	5	4	5	.29	82	4.3	4.4	81	4.6K	4.2	4.4	91

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pet Park: Percentile Park (100 is best calculated vs precise Mean)

Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

11								Do	onglu	Shi							- Surv	/ey C	ompai	risons ·		
	T General Questions	F	Res	роі	nses					Indiv	vidual					20M	TEN			AI	I	
Gene	5101	VP	Р	A	VG	E	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	N	Mean	Grp Med	Pct Rnk	N	Mean	Grp Med	
Q16	Overall, how do you rate this course?	0	0	1	2	8	11	4.6	4.8	5	5	3	5	.64	84	4.0	4.0	94	4.6K	4.0	4.1	81
Q17	Overall, how do you rate this professor?	0	0	0	3	8	11	4.7	4.8	5	5	4	5	.45	84	4.1	4.2	94	4.6K	4.1	4.4	75

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

Q18 - Please enter any comments about the professor in the box below:

Faculty: Donglu Shi

Response Rate: 45.45% (5 of 11)

1	n/a
2	It was a great materials course, I enjoyed coming to class. Dr. Shi is very knowledgeable on the subject and is good at communicating difficult concepts in simple terms that are easy to understand.
3	I think a lot of time in this course was spent on general materials concepts such as stress-strain curves, miller indices, and calculations for general material properties. I think these are fundamental and should definitely be covered, however I feel this also took away from the metallurgical concepts which were introduced later on. More time needs to be spent on metallurgy. Also I think better visuals such as videos and pictures should be used to reinforce these concepts.
4	I really enjoyed coming to class and the lectures.
5	Great Prof.

	Course:	20MTEN3012 001 - INTRO TO METALLURGY									D	epar	tmen	t: 2	20M	TEN				
	Responsible Faculty:	Donglu Shi							l	Respo	onses	/ Exp	ected	l:	5/1	13 (38.	46%))		
ABF	T sample a thru k							20	DMTEN	3012 -	001					Sur		ompar	isons -	
Gen	•			Res	pon	ses	;				Course					20MTE	N		All	
			SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	apply my knowledge of math	n, science, and/or engineering	0	0	0	2	3	5	4.6	5	5	4	5	.49	68	4.3	82	4.7K	4.2	76
Q2	design and conduct experim	ents	0	0	1	2	2	5	4.2	4	4,5	3	5	.75	68	3.4	82	4.7K	3.5	74
Q3	analyze and interpret data		0	0	0	1	4	5	4.8	5	5	4	5	.40	68	4.3	95	4.7K	4.0	91
Q4	design a system, componen constraints	t, or process to meet desired needs within realistic	0	0	1	2	2	5	4.2	4	4,5	3	5	.75	67	3.7	82	4.7K	3.9	55
Q5	work as a team member		0	0	2	1	2	5	4.0	4	3,5	3	5	.89	68	3.8	64	4.7K	3.8	49
Q6	identify, formulate, and solve	e engineering problems	0	0	0	2	3	5	4.6	5	5	4	5	.49	66	4.2	82	4.7K	4.1	79
Q7	understand professional and	d ethical responsibility	0	0	0	1	4	5	4.8	5	5	4	5	.40	68	3.9	95	4.7K	3.7	95
Q8	communicate (orally) effect	ively	0	0	1	1	3	5	4.4	5	5	3	5	.80	68	3.7	82	4.7K	3.6	79
Q9	communicate (written) effe	ctively	0	0	1	1	3	5	4.4	5	5	3	5	.80	68	3.9	59	4.7K	3.9	72
Q10	understand the impact of er	igineering solutions in a broad context	0	0	0	2	3	5	4.6	5	5	4	5	.49	67	4.3	50	4.7K	4.0	84
Q11	use techniques, skills or mo practice	dern engineering tools necessary for engineering	0	0	0	2	3	5	4.6	5	5	4	5	.49	67	4.1	77	4.7K	4.1	80

								Shi, I	Donglu						Sui	vey C	ompar	isons	
Gen	T General Questions eral		Re	spon	ses				h	ndividua	al				20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	The course was well planned.	0	0	0	1	4	5	4.8	5	5	4	5	.40	67	3.9	95	4.7K	4.0	92
Q13	The professor was approachable to discuss problems related to the course.	0	0	0	0	5	5	5.0	5	5	5	5	0	68	4.3	91	4.7K	4.2	95
Q14	Class assignments and exams were relevant to the course material.	0	0	0	0	5	5	5.0	5	5	5	5	0	68	4.3	91	4.7K	4.3	96
Q15	The grading was fair.	0	0	0	0	5	5	5.0	5	5	5	5	0	67	4.3	91	4.7K	4.1	97

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

							Sh	i, Donglu						S	urvey C	omparis	ons	
ABET General Questions General		Re	spor	ises					Individua	l				20MTEN	I		All	
	VP	Р	A	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q16 Overall, how do you rate this course?	0	0	0	1	4	5	4.8	5	5	4	5	.40	67	4.0	95	4.7K	3.9	90
Q17 Overall, how do you rate this professor?	0	0	0	0	5	5	5.0	5	5	5	5	0	68	4.0	95	4.7K	4.0	95

Q	18 - Please en	ter any comments about the professor in the box below:
	Faculty:	Shi, Donglu
R	esponse Rate:	100.00% (5 of 5)
1	Professor S I believe tha	hi has made this class both educational and entertaining. It is because of him that I would consider continuing on and pursue a masters degree in Materials Engineering. t all BME students should take this class, in order to better understand the materials they're working with.
2	Professor S enjoy sitting	hi is a great teacher. It is very obvious from the start that he cares a lot about the material he's teaching, and, more importantly, that his students are learning. I actually I down during his lectures which is a rare thing for me. Outstanding Professor.
3	Professor S reflects that	hi is very knowledgeable and I look forward to taking more classes with him as a result of this class. he is very passionate about materials engineering and his class t.
4	Overall, this would defini	was a solid course and Professor Shi is great! He was very prepared for every class, and our homeworks and exams reflected what we were discussing in lectures. I tely recommend this class to future engineers, and I am looking forward to taking his Physical Properties of Solids class next fall.
5		Ily one of my favorite professors. He is so enthusiastic about the class and any other projects you come to him with help. He is very easy going yet balanced.
	Infinite amo	unts of respect.

2016 | 2168 | CEAS | College of Engineering Survey 2168-1 (2016)

	Course:	20MTEN6010L 001 - PHYS PROP SOLIDS									De	eparti	ment:	20	MT	EN				
	Responsible Faculty:	Donglu Shi							R	espor	nses /	Expe	ected:	11	/ 2	1 (52.:	38%)	1		
	T							20	MTEN	010L -	001				-	Surv	ey Co	ompa	risons	
Gen	T sample a thru k eral			Res	pon	ses	5				Course	•				20MTE	N		All	
			SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk		Mean	Pct Rnk
Q1	apply my knowledge of math	n, science, and/or engineering	0	0	0	3	8	11	4.7	5	5	4	5	.45	78	4.4	83	5K	4.1	88
Q2	design and conduct experim	ents	0	2	6	1	2	11	3.3	3	3	2	5	.96	78	3.8	28	5K	3.6	28
Q3	analyze and interpret data		0	1	3	5	2	11	3.7	4	4	2	5	.86	78	4.1	17	5K	4.0	29
Q4	design a system, componen constraints	t, or process to meet desired needs within realistic	0	2	2	3	4	11	3.8	4	5	2	5	1.11	78	3.9	28	5K	3.9	34
Q5	work as a team member		2	2	5	1	1	11	2.7	3	3	1	5	1.14	78	3.6	6	5K	3.8	12
Q6	identify, formulate, and solve	e engineering problems	0	0	0	5	6	11	4.5	5	5	4	5	.50	78	4.2	83	5K	4.1	81
Q7	understand professional and	l ethical responsibility	0	2	3	3	3	11	3.6	4	3,4,5	2	5	1.07	78	4.1	28	5K	3.7	35
Q8	communicate (orally) effect	ively	3	0	3	3	2	11	3.1	3	1,3,4	1	5	1.44	78	3.9	17	5K	3.6	21
Q9	communicate (written) effe	ctively	0	0	3	2	6	11	4.3	5	5	3	5	.86	78	4.2	56	5K	3.9	68
Q10	understand the impact of en	gineering solutions in a broad context	0	0	0	5	5	10	4.5	4.5	4,5	4	5	.50	77	4.4	67	5K	4.0	81
Q11	use techniques, skills or mo practice	dern engineering tools necessary for engineering	0	0	2	3	6	11	4.4	5	5	3	5	.77	77	4.3	50	5K	4.1	63

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

								Shi, C	Donglu						Su	vey C	ompar	isons	
ABE	T General Questions eral		Re	spor	ises	;			In	dividua	I				20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	The course was well planned.	0	0	0	2	9	11	4.8	5	5	4	5	.39	78	4.2	83	5.1K	4.0	90
Q13	The professor was approachable to discuss problems related to the course.	0	0	0	3	8	11	4.7	5	5	4	5	.45	77	4.4	72	5.1K	4.1	79
Q14	Class assignments and exams were relevant to the course material.	0	0	1	0	10	11	4.8	5	5	3	5	.57	78	4.4	72	5.1K	4.3	88
Q15	The grading was fair.	0	0	0	1	10	11	4.9	5	5	4	5	.29	78	4.3	83	5K	4.1	92

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

								Shi	, Donglu						S	urvey C	omparis	ons	
Gen	T General Questions eral		Res	spor	ses					Individual					20MTEN	1		All	
		VP	Р	A	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q16	Overall, how do you rate this course?	0	0	0	3	8	11	4.7	5	5	4	5	.45	78	4.2	83	5.1K	3.9	88
Q17	Overall, how do you rate this professor?	0	0	0	3	8	11	4.7	5	5	4	5	.45	78	4.3	83	5.1K	4.0	81

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

 Q18 - Please enter any comments about the professor in the box below:

 Faculty:
 Shi, Donglu

 Response Rate:
 45,45% (5 of 11)

 1
 The professor is very energetic and enthusiastic. He does a great job of explaining difficult concepts in a relatively easy to understand manner.

2 Sometimes he would just write out what he was saying on the board, which I don't find quite helpful. Appreciate that he is always willing to stay after a bit and explain something that you didn't understand.

3 Professor Shi is an excellent teacher. He is not only very passionate about the material in his course but also takes great care in making sure all of his students understand. Very good

4 I really like Dr. Shi. He's a great professor and explains everything clearly. I love taking his classes. I just wished he'd offer more graduate level classes.

5 Course is too easy. Make it little more hard and please dont conduct open books tests!

2016 | 2168 | CEAS | College of Engineering Survey 2168-1 (2016)

	Course:	20MTEN5110L 001 - PHYS PROP SOLIDS									De	partn	nent:	20	MT	EN				
	Responsible Faculty:	Donglu Shi							R	espor	ises / I	Expe	cted:	2,	/9(22.22	%)			
ARE	T sample a thru k							20	MTEN	5110L	- 001				-	Surv	ey Co	ompa	risons	
Gen				Res	spon	ises	5				Course					20MTE	N		All	
			SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev		Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	apply my knowledge of math	n, science, and/or engineering	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	78	4.4	61	5K	4.1	74
Q2	design and conduct experim	ents	0	0	1	0	1	2	4.0	4	3,5	3	5	1	78	3.8	72	5K	3.6	67
Q3	analyze and interpret data		0	0	1	0	1	2	4.0	4	3,5	3	5	1	78	4.1	39	5K	4.0	41
Q4	design a system, componen constraints	t, or process to meet desired needs within realistic	0	0	1	0	1	2	4.0	4	3,5	3	5	1	78	3.9	67	5K	3.9	45
Q5	work as a team member		0	0	1	0	1	2	4.0	4	3,5	3	5	1	78	3.6	83	5K	3.8	55
Q6	identify, formulate, and solv	e engineering problems	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	78	4.2	72	5K	4.1	77
Q7	understand professional and	d ethical responsibility	0	0	1	0	1	2	4.0	4	3,5	3	5	1	78	4.1	44	5K	3.7	60
Q8	communicate (orally) effect	ively	0	0	1	0	1	2	4.0	4	3,5	3	5	1	78	3.9	61	5K	3.6	64
Q9	communicate (written) effe	ctively	0	0	1	0	1	2	4.0	4	3,5	3	5	1	78	4.2	17	5K	3.9	48
Q10	understand the impact of er	ngineering solutions in a broad context	0	0	0	0	2	2	5.0	5	5	5	5	0	77	4.4	89	5K	4.0	98
Q11	use techniques, skills or mo practice	dern engineering tools necessary for engineering	0	0	0	0	2	2	5.0	5	5	5	5	0	77	4.3	89	5K	4.1	97

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

								Shi,	Donglu						Su	vey C	ompar	isons	-
Gen	T General Questions eral		Re	spor	nse	5			l	ndividua	al				20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	The course was well planned.	0	0	0	0	2	2	5.0	5	5	5	5	0	78	4.2	94	5.1K	4.0	97
Q13	The professor was approachable to discuss problems related to the course.	0	0	0	0	2	2	5.0	5	5	5	5	0	77	4.4	89	5.1K	4.1	95
Q14	Class assignments and exams were relevant to the course material.	0	0	0	0	2	2	5.0	5	5	5	5	0	78	4.4	89	5.1K	4.3	96
Q15	The grading was fair.	0	0	0	0	2	2	5.0	5	5	5	5	0	78	4.3	94	5K	4.1	97

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

								Shi	i, Donglu						S	urvey C	omparis	ons	
Gen	T General Questions eral		Res	pon	ses					Individual					20MTEN	I		All	
		VP	Р	A	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q16	Overall, how do you rate this course?	0	0	0	0	2	2	5.0	5	5	5	5	0	78	4.2	94	5.1K	3.9	97
Q17	Overall, how do you rate this professor?	0	0	0	0	2	2	5.0	5	5	5	5	0	78	4.3	94	5.1K	4.0	96

	Course:	20MTEN3012 001 - INTRO TO METALLURGY									D	epar	tment	t: 2	0M	TEN				
	Responsible Faculty:	Donglu Shi							l	Respo	onses /	/ Exp	ected	l: {	5/8	8 (62.5	0%)			
ARF	T sample a thru k							20	DMTEN	3012 -	001					Sur	vey C	ompaı	risons -	
Gen	•			Res	pon	ses	;				Course					20MTE	N		All	
			SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	apply my knowledge of math	n, science, and/or engineering	0	0	0	2	3	5	4.6	5	5	4	5	.49	84	4.5	55	4.1K	4.1	75
Q2	design and conduct experim	ents	0	0	5	0	0	5	3.0	3	3	3	3	0	84	3.6	10	4.1K	3.6	17
Q3	analyze and interpret data		0	0	0	3	2	5	4.4	4	4	4	5	.49	82	4.3	45	4.1K	4.1	60
Q4	design a system, componen constraints	t, or process to meet desired needs within realistic	0	0	2	2	1	5	3.8	4	3,4	3	5	.75	84	4.1	25	4.1K	3.9	33
Q5	work as a team member		0	1	3	1	0	5	3.0	3	3	2	4	.63	83	4.0	5	4.1K	4.0	13
Q6	identify, formulate, and solve	e engineering problems	0	0	0	3	2	5	4.4	4	4	4	5	.49	84	4.4	35	4.1K	4.1	62
Q7	understand professional and	d ethical responsibility	0	0	4	1	0	5	3.2	3	3	3	4	.40	84	4.0	15	4.1K	3.8	15
Q8	communicate (orally) effect	ively	0	0	3	1	1	5	3.6	3	3	3	5	.80	82	3.8	30	4.1K	3.7	35
Q9	communicate (written) effe	ctively	0	0	2	2	1	5	3.8	4	3,4	3	5	.75	82	4.2	15	4.1K	3.9	35
Q10	understand the impact of er	igineering solutions in a broad context	0	0	0	4	1	5	4.2	4	4	4	5	.40	80	4.4	25	4.1K	4.0	52
Q11	use techniques, skills or mo practice	dern engineering tools necessary for engineering	0	0	0	4	1	5	4.2	4	4	4	5	.40	82	4.3	35	4.1K	4.1	45

								Shi,	Donglu						Sur	vey C	ompar	isons	-
Gen	F General Questions eral		Re	spor	ises	5			l	ndividua	al				20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	The course was well planned.	0	0	0	2	3	5	4.6	5	5	4	5	.49	83	4.2	55	4.1K	4.0	77
Q13	The professor was approachable to discuss problems related to the course.	0	0	0	1	4	5	4.8	5	5	4	5	.40	84	4.3	85	4.1K	4.2	85
Q14	Class assignments and exams were relevant to the course material.	0	0	0	1	4	5	4.8	5	5	4	5	.40	83	4.5	65	4.1K	4.3	86
Q15	The grading was fair.	0	0	0	1	4	5	4.8	5	5	4	5	.40	84	4.0	95	4.1K	4.1	90

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

							Sh	i, Donglu						S	urvey C	omparis	ons	
ABET General Questions General		Res	spor	ises					Individual					20MTEN	I		All	
	VP	Р	A	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q16 Overall, how do you rate this course?	0	0	0	1	4	5	4.8	5	5	4	5	.40	83	4.2	65	4.1K	4.0	90
Q17 Overall, how do you rate this professor?	0	0	0	1	4	5	4.8	5	5	4	5	.40	84	4.2	65	4.1K	4.1	84

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

Q18 - Please enter any comments about the professor in the box below:

Faculty: Shi, Donglu

Response Rate: 60.00% (3 of 5)

1 Professor Shi was very enthusiastic and motivated to help his students learn. The class was taken by mostly chemical engineering students, as a technical elective. Professor Shi made a great effort to draw connections between CHE courses and material sciences. His class has helped me better understand the content that I handle at my co-op as well.

2 He has a high appreciation of the material and is very approachable outside of class. My one suggestion is that he should take a break in between each topic to see if there are any questions (most of the time he moves too fast through the material)

3 Dr. Shi was very organized and was very familiar with the material.

	Course:	20MTEN6010L 001 - PHYS PROP SOLIDS									D	epai	rtmen	t: 2	20M	TEN				
	Responsible Faculty:	Donglu Shi								Resp	onses ,	/ Exp	oected	: L	4/1	2 (33.	33%])		
ΔRF	T sample a thru k							20	MTEN	5010L	- 001					Sur	vey C	ompar	risons -	
Gen	•			Re	spor	ses	3				Course	•				20MTE	IN		All	
			SE	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	apply my knowledge of math	n, science, and/or engineering	0	0	0	0	4	4	5.0	5	5	5	5	0	52	4.4	94	4.2K	4.0	97
Q2	design and conduct experim	ents	0	0	0	1	3	4	4.8	5	5	4	5	.43	52	3.7	94	4.2K	3.5	93
Q3	analyze and interpret data		0	0	1	0	3	4	4.5	5	5	3	5	.87	52	4.3	63	4.2K	3.9	77
Q4	design a system, componen constraints	t, or process to meet desired needs within realistic	; o	0	0	0	4	4	5.0	5	5	5	5	0	52	3.8	94	4.2K	3.8	97
Q5	work as a team member		0	0	1	0	3	4	4.5	5	5	3	5	.87	52	3.7	94	4.2K	3.7	76
Q6	identify, formulate, and solve	e engineering problems	0	0	0	1	3	4	4.8	5	5	4	5	.43	52	4.3	81	4.2K	4.0	92
Q7	understand professional and	d ethical responsibility	0	0	0	1	3	4	4.8	5	5	4	5	.43	51	4.1	94	4.2K	3.7	95
Q8	communicate (orally) effect	ively	0	0	0	1	3	4	4.8	5	5	4	5	.43	52	3.9	94	4.2K	3.6	96
Q9	communicate (written) effe	ctively	0	0	0	1	3	4	4.8	5	5	4	5	.43	52	4.0	94	4.2K	3.8	94
Q10	understand the impact of er	ngineering solutions in a broad context	0	0	0	0	4	4	5.0	5	5	5	5	0	52	4.2	94	4.2K	3.9	98
Q11	use techniques, skills or mo practice	dern engineering tools necessary for engineering	0	0	1	0	3	4	4.5	5	5	3	5	.87	52	4.2	88	4.2K	4.0	77

								Shi,	Donglu						Su	vey C	ompar	isons	-
Gen	T General Questions eral		Re	spor	ises	5			l	ndividua	al				20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	The course was well planned.	0	0	0	0	4	4	5.0	5	5	5	5	0	52	4.1	94	4.3K	4.0	98
Q13	The professor was approachable to discuss problems related to the course.	0	0	0	0	4	4	5.0	5	5	5	5	0	51	4.1	94	4.3K	4.1	95
Q14	Class assignments and exams were relevant to the course material.	0	0	0	1	3	4	4.8	5	5	4	5	.43	52	4.3	94	4.3K	4.2	82
Q15	The grading was fair.	0	0	0	1	3	4	4.8	5	5	4	5	.43	52	4.2	94	4.3K	4.1	89

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

							Sh	i, Donglu						S	urvey C	omparis	ons	
ABET General Questions General		Re	spor	ises					Individual					20MTEN	1		All	
	VP	Р	A	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q16 Overall, how do you rate this course?	0	0	0	0	4	4	5.0	5	5	5	5	0	51	3.9	94	4.3K	3.8	97
Q17 Overall, how do you rate this professor?	0	0	0	0	4	4	5.0	5	5	5	5	0	52	4.1	94	4.3K	3.9	96

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

 Q18 - Please enter any comments about the professor in the box below:

 Faculty:
 Shi, Donglu

 Response Rate:
 75.00% (3 of 4)

1 i loved everything about this course thank you so much dr. shi

2 The professor did a great job of teaching the material in a logical and easy to comprehend way. My only suggestions would be to add a small amount of assignments such as problem sets to help deepen the understanding, and to provide suggested reading from the course textbook which we did not actually use.

3 N/A

	Course:	20MTEN6049 001 - MAG DIEL PROP									C)epa	rtmen	nt: 2	20M	TEN				
	Responsible Faculty:	Donglu Shi								Resp	onses	/ Exj	pecte	d:	9/1	18 (50%	%)			
	T sample a thru k							2	20MTEN	6049 -	001					Sur	vey C	ompar	risons -	
Gen				Re	spon	ses	5				Course	•				20MTE	IN		All	
			SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	apply my knowledge of math	n, science, and/or engineering	0	0	1	1	7	9	4.7	5	5	3	5	.67	44	4.6	56	3.2K	4.1	78
Q2	design and conduct experim	ents	0	0	6	0	3	9	3.7	3	3	3	5	.94	45	4.1	6	3.2K	3.6	41
Q3	analyze and interpret data		0	0	2	2	5	9	4.3	5	5	3	5	.82	45	4.6	31	3.2K	4.0	55
Q4	design a system, componen constraints	t, or process to meet desired needs within realisti	с 0	0	3	1	4	8	4.1	4.5	5	3	5	.93	43	4.3	31	3.2K	3.9	55
Q5	work as a team member		0	0	3	1	5	9	4.2	5	5	3	5	.92	44	4.2	44	3.2K	3.8	57
Q6	identify, formulate, and solve	e engineering problems	0	0	0	3	5	8	4.6	5	5	4	5	.48	42	4.6	56	3.2K	4.1	79
Q7	understand professional and	d ethical responsibility	0	0	2	1	6	9	4.4	5	5	3	5	.83	45	4.3	31	3.2K	3.7	83
Q8	communicate (orally) effect	ively	0	1	2	1	5	9	4.1	5	5	2	5	1.10	44	4.0	44	3.2K	3.6	69
Q9	communicate (written) effe	ctively	0	1	1	1	6	9	4.3	5	5	2	5	1.05	44	4.3	56	3.2K	3.9	70
Q10	understand the impact of er	ngineering solutions in a broad context	0	0	1	1	7	9	4.7	5	5	3	5	.67	45	4.5	56	3.2K	4.0	89
Q11	use techniques, skills or mo practice	dern engineering tools necessary for engineering	0	0	2	0	7	9	4.6	5	5	3	5	.83	45	4.5	44	3.2K	4.1	76

								Shi, I	Donglu						Sui	vey C	ompar	isons	
Gen	T General Questions eral		Res	spon	ses				h	ndividua	al				20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	The course was well planned.	0	0	0	2	7	9	4.8	5	5	4	5	.42	45	4.5	69	3.2K	4.0	91
Q13	The professor was approachable to discuss problems related to the course.	0	0	1	0	8	9	4.8	5	5	3	5	.63	44	4.7	56	3.2K	4.2	82
Q14	Class assignments and exams were relevant to the course material.	0	0	0	1	8	9	4.9	5	5	4	5	.31	45	4.7	69	3.2K	4.3	90
Q15	The grading was fair.	0	0	0	1	8	9	4.9	5	5	4	5	.31	44	4.4	81	3.2K	4.1	93

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

							Sh	i, Donglu						S	urvey C	omparis	ons	
ABET General Questions General		Re	spor	ises					Individual					20MTEN	I		All	
	VP	Р	A	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q16 Overall, how do you rate this course?	0	0	0	4	5	9	4.6	5	5	4	5	.50	45	4.4	56	3.2K	3.9	81
Q17 Overall, how do you rate this professor?	0	0	0	2	7	9	4.8	5	5	4	5	.42	45	4.6	69	3.2K	4.1	80

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

Faculty: Shi, Donglu

Response Rate: 22.22% (2 of 9)

1 Understood all the relevant topic and the professor was approachable to discuss my doubts and explained everything really well...Great class

2 He is very knowledgeable and teaches really well with lots of interaction in the class.

	Course:	20MTEN6010 001 - PHYS PROP SOLIDS									0)epai	rtmen	nt: 2	20M	TEN				
	Responsible Faculty:	Donglu Shi								Resp	onses	/ Exp	pecte	d:	9/2	29 (31.	03%))		
	T sample a thru k			_		_		2	OMTEN	6010 -	001					Sur	vey C	ompai	risons -	
Gen	•			Re	spor	ses	5				Course	•				20MTE	IN		All	
			SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	apply my knowledge of math	n, science, and/or engineering	0	0	0	3	6	9	4.7	5	5	4	5	.47	41	4.3	75	3.5K	4.1	80
Q2	design and conduct experim	ents	2	2	1	3	1	9	2.9	3	4	1	5	1.37	41	2.7	75	3.5K	3.5	14
Q3	analyze and interpret data		0	0	0	6	3	9	4.3	4	4	4	5	.47	39	4.1	58	3.5K	4.0	60
Q4	design a system, componen constraints	t, or process to meet desired needs within realist	ic 3	0	1	3	2	9	3.1	4	1,4	1	5	1.59	41	3.4	25	3.5K	3.8	12
Q5	work as a team member		2	1	2	3	1	9	3.0	3	4	1	5	1.33	41	2.9	58	3.5K	3.8	18
Q6	identify, formulate, and solve	e engineering problems	0	0	0	2	7	9	4.8	5	5	4	5	.42	41	4.3	75	3.5K	4.0	88
Q7	understand professional and	ethical responsibility	0	1	2	3	3	9	3.9	4	4,5	2	5	.99	41	3.2	75	3.5K	3.8	52
Q8	communicate (orally) effect	ively	0	2	3	2	2	9	3.4	3	3	2	5	1.07	40	3.3	42	3.5K	3.6	34
Q9	communicate (written) effe	ctively	1	0	2	3	3	9	3.8	4	4,5	1	5	1.23	40	3.5	58	3.5K	3.9	35
Q10	understand the impact of er	igineering solutions in a broad context	0	0	0	4	5	9	4.6	5	5	4	5	.50	41	4.0	92	3.5K	4.0	85
Q11	use techniques, skills or mo practice	dern engineering tools necessary for engineering	0	0	1	3	5	9	4.4	5	5	3	5	.68	41	4.3	58	3.5K	4.1	71

								Shi, I	Donglu						Sui	vey C	ompar	isons	-]
Gen	T General Questions eral		Res	spon	ises	5			li	ndividua	ıl				20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	The course was well planned.	0	0	1	2	6	9	4.6	5	5	3	5	.68	40	3.8	75	3.5K	4.0	79
Q13	The professor was approachable to discuss problems related to the course.	0	0	0	2	6	8	4.8	5	5	4	5	.43	39	4.3	75	3.5K	4.2	78
Q14	Class assignments and exams were relevant to the course material.	0	0	0	2	7	9	4.8	5	5	4	5	.42	39	4.3	75	3.5K	4.2	83
Q15	The grading was fair.	0	0	0	3	6	9	4.7	5	5	4	5	.47	40	4.1	83	3.5K	4.0	83

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

							Sh	i, Donglu						S	urvey C	comparis	ons	
ABET General Questions General		Re	spo	nses					Individual					20MTEN	I		All	
	VP	P	A	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q16 Overall, how do you rate this course?	0	0	0	4	5	9	4.6	5	5	4	5	.50	40	3.7	92	3.5K	3.8	81
Q17 Overall, how do you rate this professor?	0	0	0	1	8	9	4.9	5	5	4	5	.31	40	3.7	75	3.5K	4.0	88

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

Q1	8 - Please en	ter any comments about the professor in the box below:
	Faculty:	Shi, Donglu
Re	sponse Rate:	44.44% (4 of 9)
1	Well taught	class that was technical without being overwhelming."
2	Shi is a very	engaging professor. His old school way of writing notes on the board makes it much easier to learn. He make me excited to become an engineer.
2	Loniov the f	and that the preference relates the material taught is clear to real world applications through examples and demonstrations

3 | I enjoy the fact that the professor relates the material taught in class to real world applications through examples and demonstrations.

4 Dr. Shi is a wonderful professor. He really knows how to explain tough topics to students. His teaching abilities are astounding and his knowledge of the subject is vast. There was no question that could stump him, even by the smartest graduate student in the class. Exams were very fair and recitations very helpful. I highly recommend Dr. Shi!

	Course:	20MTEN421 401 - CERAMIC FUND									De	epart	ment:	20	MT	EN				
	Responsible Faculty:	Donglu Shi							R	espo	nses /	Ехре	ected:	2.	/ 1() (20%)			
								2		421 -	401					Sur	vey C	ompa	risons	
ABE	T sample a thru k eral			Res	spor	ses	5				Course	9				20MTE	N		All	
			SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	apply my knowledge of math	n, science, and/or engineering	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.4	63	935	4.2	66
Q2	design and conduct experim	ents	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	3.9	75	930	3.5	88
Q3	analyze and interpret data		0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.4	63	933	4.0	71
Q4	design a system, componen constraints	t, or process to meet desired needs within realistic	0	0	0	2	0	2	4.0	4	4	4	4	0	8	3.9	63	933	3.9	49
Q5	work as a team member		0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.6	38	933	3.6	78
Q6	identify, formulate, and solve	e engineering problems	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	3.9	88	932	4.1	77
Q7	understand professional and	d ethical responsibility	0	1	0	0	1	2	3.5	3.5	2,5	2	5	1.50	8	3.3	75	930	3.6	35
Q8	communicate (orally) effect	ively	0	1	0	1	0	2	3.0	3	2,4	2	4	1	8	3.8	13	928	3.5	15
Q9	communicate (written) effe	ctively	0	0	0	0	2	2	5.0	5	5	5	5	0	8	4.4	75	930	3.9	96
Q10	understand the impact of en	igineering solutions in a broad context	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.4	63	928	3.9	83
Q11	use techniques, skills or mo practice	dern engineering tools necessary for engineering	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.3	75	937	4.1	72

								Shi, I	Donglu						Su	rvey C	ompa	risons -	
Gen	Γ General Questions eral		Res	spon	ses				l	ndividua	al				20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	The course was well planned.	0	0	0	0	2	2	5.0	5	5	5	5	0	8	4.1	75	936	3.9	96
Q13	The professor was approachable to discuss problems related to the course.	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.3	63	934	4.1	58
Q14	Class assignments and exams were relevant to the course material.	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.5	50	933	4.2	62
Q15	The grading was fair.	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.4	63	931	4.0	68

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

							Sh	i, Donglu						S	urvey C	ompari	sons	
ABET General Questions General		Re	spor	ses					Individua					20MTE	N		All	
	VP	Р	A	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q16 Overall, how do you rate this course?	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.0	75	935	3.8	79
Q17 Overall, how do you rate this professor?	0	0	0	0	2	2	5.0	5	5	5	5	0	8	4.4	75	933	3.8	95

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

Q18 - Please enter any comments about the professor in the box below:

Faculty: Shi, Donglu

Response Rate: 50.00% (1 of 2)

1 Professor very enthusiastic about the subject. Helped me broaden my mind about what jobs I might go into after graduation.

Course:	20MTEN415 401 - PHYS MET II	Department:	20MTEN
Deenensihle Feeultuu	Dengly Chi	Despenses / Expected	2 (0 (22 22))

	Responsible Faculty: Donglu Shi							R	espoi	nses /	Expe	ected:	2,	/9	(22.22	.%)			
							2		415 -	401					Surv	vey C	ompa	risons	
ABE	T sample a thru k eral		Re	spon	ses	;				Course	9				20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	apply my knowledge of math, science, and/or engineering	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.4	63	935	4.2	66
Q2	design and conduct experiments	0	1	0	1	0	2	3.0	3	2,4	2	4	1	8	3.9	13	930	3.5	15
Q3	analyze and interpret data	0	0	0	2	0	2	4.0	4	4	4	4	0	8	4.4	25	933	4.0	38
Q4	design a system, component, or process to meet desired needs within realistic constraints	0	1	0	0	1	2	3.5	3.5	2,5	2	5	1.50	8	3.9	25	933	3.9	20
Q5	work as a team member	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.6	38	933	3.6	78
Q6	identify, formulate, and solve engineering problems	0	0	0	2	0	2	4.0	4	4	4	4	0	8	3.9	63	932	4.1	40
Q7	understand professional and ethical responsibility	0	1	0	1	0	2	3.0	3	2,4	2	4	1	8	3.3	25	930	3.6	9
Q8	communicate (orally) effectively	0	0	0	2	0	2	4.0	4	4	4	4	0	8	3.8	63	928	3.5	67
Q9	communicate (written) effectively	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.4	38	930	3.9	79
Q10	understand the impact of engineering solutions in a broad context	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.4	63	928	3.9	83
Q11	use techniques, skills or modern engineering tools necessary for engineering practice	0	0	0	2	0	2	4.0	4	4	4	4	0	8	4.3	25	937	4.1	37

								Shi, I	Donglu						Su	vey C	ompa	risons -	
ABE	T General Questions eral		Res	spon	ses				li	ndividua	al				20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	The course was well planned.	0	0	0	0	2	2	5.0	5	5	5	5	0	8	4.1	75	936	3.9	96
Q13	The professor was approachable to discuss problems related to the course.	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.3	63	934	4.1	58
Q14	Class assignments and exams were relevant to the course material.	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.5	50	933	4.2	62
Q15	The grading was fair.	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.4	63	931	4.0	68

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

							Sh	i, Donglu						S	urvey C	ompari	sons	
ABET General Questions General		Res	spon	ises					Individual					20MTE	N		All	
	VP	Р	A	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q16 Overall, how do you rate this course?	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	8	4.0	75	935	3.8	79
Q17 Overall, how do you rate this professor?	0	0	0	0	2	2	5.0	5	5	5	5	0	8	4.4	75	933	3.8	95

Course:	20MTEN415 001 - PHYS MET II	Department:	20MTEN
Responsible Faculty:	Donglu Shi	Responses / Expected:	3 / 8 (37.50%)

									<u> </u>		<u> </u>				` <u> </u>	<u>_</u>			
							2	OMTEN	415 -	001					Surv	/ey Co	ompai	risons -	
Gen	T sample a thru k eral		Re	spon	ses	5				Course					20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1	apply my knowledge of math, science, and/or engineering	0	0	0	1	2	3	4.7	5	5	4	5	.47	11	4.6	63	480	4.3	88
Q2	understand professional and ethical responsibility	0	0	0	1	2	3	4.7	5	5	4	5	.47	11	4.6	63	480	3.5	97
Q3	design and conduct experiments	0	0	0	2	1	3	4.3	4	4	4	5	.47	11	4.5	38	480	3.2	89
Q4	communicate (orally) effectively	0	0	0	2	1	3	4.3	4	4	4	5	.47	10	4.5	38	478	3.2	90
Q5	analyze and interpret data	0	0	0	1	2	3	4.7	5	5	4	5	.47	11	4.7	38	479	4.0	90
Q6	work as a team member	0	0	0	2	1	3	4.3	4	4	4	5	.47	11	4.5	13	480	3.5	74
Q7	design a system, component, or process to meet desired needs within realistic constraints	0	0	0	1	1	2	4.5	4.5	4,5	4	5	.50	10	4.5	38	476	3.7	83
Q8	communicate (written) effectively	0	0	0	1	2	3	4.7	5	5	4	5	.47	11	4.6	63	479	3.7	94
Q9	identify, formulate, and solve engineering problems	0	0	0	2	1	3	4.3	4	4	4	5	.47	11	4.5	13	478	4.2	46
Q10	understand the impact of engineering solutions in a broad context	0	0	0	1	2	3	4.7	5	5	4	5	.47	11	4.6	63	475	3.9	92
Q11	use techniques, skills or modern engineering tools necessary for engineering practice	0	0	0	1	2	3	4.7	5	5	4	5	.47	11	4.6	63	480	3.9	94

								Shi, I	Donglu						Sur	vey Co	ompar	isons -	
Gen	T General Questions eral		Res	spon	ses				h	ndividua	al				20MTE	N		All	
		SD	D	NO	A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q12	The course was well planned.	0	0	0	2	1	3	4.3	4	4	4	5	.47	11	4.6	13	478	3.9	68
Q13	The professor was approachable to discuss problems related to the course.	0	0	0	1	2	3	4.7	5	5	4	5	.47	11	4.7	38	477	4.0	79
Q14	Class assignments and exams were relevant to the course material.	0	0	0	1	2	3	4.7	5	5	4	5	.47	11	4.7	38	480	4.2	83
Q15	The grading was fair.	0	0	0	2	1	3	4.3	4	4	4	5	.47	11	4.5	25	479	3.9	66

Responses: [SD] Strongly Disagree=1 [D] Disagree=2 [NO] No Opinion/Neutral=3 [A] Agree=4 [SA] Strongly Agree=5 Pct Rnk: Percentile Rank (100 is best, calculated vs. precise Mean)

							Shi	i, Donglu						Si	urvey C	omparis	sons	
ABET General Questions General		Re	spon	ses					Individual					20MTEN	1		All	
	VP	P	A	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q16 Overall, how do you rate this course?	0	0	0	2	1	3	4.3	4	4	4	5	.47	11	4.5	25	480	3.7	78
Q17 Overall, how do you rate this professor?	0	0	0	1	2	3	4.7	5	5	4	5	.47	11	4.7	38	477	3.7	85

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

Q18 - Please enter any comments about the professor in the box below:

Faculty: Shi, Donglu

Response Rate: 66.67% (2 of 3)

Professor Shi is very thorough in all of his instructions. He provides a repetitive summary at the beginning of each lecture over the previous material. He also tries to engage us in discussions relating to the problems he presents in designing of specific metallic systems. The only method for improvement I might suggest is to go a bit more quickly through the basic material so that all points of the curriculum can be addressed.

2 Don't spend so much time on Nucleation and growth and give a few homework assignments so all of our grade isn't just two tests.

2008 08Sp College of Engineering Survey	
08S (2008)	

	Course:	20 MTEN 431 001 1 - DIFF AND KINETICS										Dep	artme	ent:	20	MTEN				
Respons	ible Faculty:	Donglu Shi								Re	sponse	es / E	xpect	ed:	7,	/ 13 (5:	3.85%	5)		
Course Questions								20	MTEN	431 00	01 - 1					Su	vey C	ompar	isons	-
Course Questions Course Questions			1	Res	por	nses	;				Course					20MTE	N		All	
			SD	D	NO) A	SA	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q1 The course was	well planned ar	nd organized.	0	0	0	4	3	7	4.4	4	4	4	5	.49	51	4.4	65	1.9K	3.9	73
Q2 The professor wa	as well approad	hable to discuss problems related to the course.	0	0	0	0	7	7	5.0	5	5	5	5	0	52	4.6	90	1.9K	4.1	94
Q3 Class assignmer	nts and exams	were fair and relevant to course material.	0	0	0	2	5	7	4.7	5	5	4	5	.45	51	4.3	95	1.9K	4.0	88

						20 MTE	N 431 00	1 - 1					;	Survey C	comparis	ons	
Course Questions Course Questions		Respo	nses					Course					20MTEN			All	
	VP	ΡA	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Pct Rnk
Q4 How do you rate this course?	0	0 0	4	3	7	4.4	4	4	4	5	.49	52	4.1	75	1.9K	3.8	77

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

Q5	- Please enter any comments about the course in the box below:
Res	sponse Rate: 100.00% (7 of 7)
1	n/a
2	The topics of diffusion and kinetics were excellently explained in terms of materials science which made it very relevant.
3	The course was good. There was a lot of repeating of previous courses, but I liked the review.
4	The course was well planned and organized
5	The course had underclassmen that did not have the prerequisites needed to take the course, which made some topics that the professor was covering seem dull and repetitive.
6	I'd suggest adding assignments to the course, not just grading based off of two tests.
7	Excellent course

							Shi	i, Donglu						8	Survey C	ompariso	ons	
aculty Questions aculty Questions		Res	pon	ses					Individual					20MTEN			All	
, .	VP	Ρ	A	VG	E	N	Mean	Med.	Mode	Low	High	Std Dev	N	Mean	Pct Rnk	N	Mean	Po Rr
Q6 How do you rate this professor?	0	0	0	2	5	7	4.7	5	5	4	5	.45	52	4.3	85	1.9K	3.9	8

Q7	- Please ente	r any comments about the professor in the box below:
	Faculty:	Shi, Donglu
Res	sponse Rate:	100.00% (7 of 7)
1	n/a	
2	Prof. Shi is a	Iways approachable and did a very good job teaching this material.
3	Makes sure	everyone understands what is going on.
4	I think that t	his professor could be more personable with the class. He has had most of us in class before, and does not know our names.
5	Excellent pro	fessor
6	Dr. Shi was	always well prepared, and available for questions.
7	Dr Shi is an	amazing professor and I've relished every class I've had with him.