2019 | 2191 | CEAS | College of Engineering Survey 2191-1 (2019)

University of Cincinnati University of Cincinnati

Course:	20MTEN3012 001 - INTRO TO METALLURGY	Department:	20MTEN
Responsible Faculty:	Donglu Shi	Responses / Expected:	5 / 22 (22.73%)

		20MTEN3012 - 001														Survey Comparisons								
ABET sample a thru k General		Responses								Co	urse					20M	ITEN		All					
				NO	A	SA	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	N	Mean	Grp Med	Pct Rnk	N	Mean	Grp Med			
Q1	apply my knowledge of math, science, and/or engineering	0	0	0	4	1	5	4.2	4.1	4	4	4	5	.40	63	4.6	4.6	5	4.4K	4.2	4.3	38		
Q2	design and conduct experiments	1	2	1	1	0	5	2.4	2.3	2	2	1	4	1.02	63	3.6	3.8	5	4.4K	3.6	3.8	5		
Q3	analyze and interpret data	0	0	3	1	1	5	3.6	3.3	3	3	3	5	.80	63	4.2	4.3	9	4.4K	4.0	4.2	19		
Q4	design a system, component, or process to meet desired needs within realistic constraints	0	3	2	0	0	5	2.4	2.3	2	2	2	3	.49	63	3.9	4.0	5	4.4K	3.9	4.2	2		
Q5	work as a team member	0	2	3	0	0	5	2.6	2.7	3	3	2	3	.49	62	4.0	4.1	5	4.4K	4.0	4.3	3		
Q6	identify, formulate, and solve engineering problems	0	0	1	4	0	5	3.8	3.9	4	4	3	4	.40	63	4.3	4.4	23	4.4K	4.1	4.3	19		
Q7	understand professional and ethical responsibility	0	1	4	0	0	5	2.8	2.9	3	3	2	3	.40	63	3.9	3.9	5	4.4K	3.8	4.0	5		
Q8	communicate (orally) effectively	0	2	2	1	0	5	2.8	2.8	3	2,3	2	4	.75	62	3.8	4.1	14	4.4K	3.7	3.9	7		
Q9	communicate (written) effectively	0	2	2	1	0	5	2.8	2.8	3	2,3	2	4	.75	63	4.1	4.2	5	4.4K	3.9	4.1	3		
Q10	understand the impact of engineering solutions in a broad context	0	0	0	4	1	5	4.2	4.1	4	4	4	5	.40	63	4.5	4.6	23	4.4K	4.0	4.2	47		
Q11	use techniques, skills or modern engineering tools necessary for engineering practice	0	0	1	3	1	5	4.0	4.0	4	4	3	5	.63	63	4.3	4.5	23	4.4K	4.1	4.4	25		

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)

ABET General Questions General		Donglu Shi															Survey Comparisons							
			Responses								Indi	vidual					20M	ITEN		All				
		SD	D	NC	A	S	A	N	Mean	Grp Med	Med.	Mode	Low	High	Std Dev	N	Mean	Grp Med		N	Mean		Pct Rnk	
Q12	The course was well planned.	0	0	0	2	3	3	5	4.6	4.7	5	5	4	5	.49	63	4.3	4.4	64	4.5K	3.8	4.1	75	
Q13	The professor was approachable to discuss problems related to the course.	0	0	0	4	1	ı	5	4.2	4.1	4	4	4	5	.40	63	4.4	4.5	18	4.5K	4.2	4.6	32	
Q14	Class assignments and exams were relevant to the course material.	0	0	0	2	3	3	5	4.6	4.7	5	5	4	5	.49	63	4.5	4.7	68	4.5K	4.2	4.5	61	
Q15	The grading was fair.	0	0	0	4	1	1	5	4.2	4.1	4	4	4	5	.40	63	4.5	4.6	23	4.5K	4.0	4.3	40	

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)

ABET General Questions General		Donglu Shi														Survey Comparisons									
		Responses							Indi	vidual				20M	ITEN		All								
	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	Pct Rnk				
Q16 Overall, how do you rate this course?	0	0	0	2	3	5	4.6	4.7	5	5	4	5	.49	62	4.3	4.4	77	4.5K	3.7	4.0	79				
Q17 Overall, how do you rate this professor?	0	0	0	1	4	5	4.8	4.9	5	5	4	5	.40	63	4.4	4.7	68	4.5K	4.0	4.4	82				

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:

Response Rate: 40.00% (2 of 5)

1 Dr. Shi really knows his topic and is able to teach an intro class to students where we are able to understand what he's saying. He's also very good at relating our course material to real life problems which was very nice. He is well spoken and always willing to expound on concepts students do not understand.

2 Dr. Shi is a very good professor who fully understands the material on every level. He challenges students to think about metallurgy to it's core and understand not only how mechanisms work, but why they happen.