

2019 | 2198 | CEAS | College of Engineering
Survey
2198-1 (2019)

University of Cincinnati
University of Cincinnati

Merged Courses:	20MTEN5110L 001 - PHYS PROP SOLIDS 20MTEN6010L 001 - PHYS PROP SOLIDS	Department:	20MTEN
Responsible Faculty:	Donglu Shi	Responses / Expected:	18 / 32 (56.25%)

ABET sample a thru k General		20MTEN5110L/20MTEN6010L - 001													--- Survey Comparisons ---							
		Responses					Course								20MTEN				All			
		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	Pct Rnk
Q1	... apply my knowledge of math, science, and/or engineering	0	0	1	6	11	18	4.6	4.7	5	5	3	5	.60	65	4.4	4.6	50	5.4K	4.1	4.3	71
Q2	... design and conduct experiments	0	0	4	6	8	18	4.2	4.3	4	5	3	5	.79	65	3.8	3.8	83	5.4K	3.6	3.7	76
Q3	... analyze and interpret data	0	0	3	10	5	18	4.1	4.1	4	4	3	5	.66	65	4.2	4.3	28	5.4K	3.9	4.1	54
Q4	... design a system, component, or process to meet desired needs within realistic constraints	0	0	0	10	8	18	4.4	4.4	4	4	4	5	.50	64	4.0	4.1	83	5.4K	3.9	4.1	73
Q5	... work as a team member	0	1	10	3	4	18	3.6	3.3	3	3	2	5	.90	65	3.4	3.4	50	5.4K	3.9	4.1	33
Q6	... identify, formulate, and solve engineering problems	0	0	0	7	11	18	4.6	4.7	5	5	4	5	.49	65	4.3	4.4	83	5.4K	4.1	4.2	83
Q7	... understand professional and ethical responsibility	0	0	6	5	7	18	4.1	4.1	4	5	3	5	.85	65	4.0	4.1	50	5.4K	3.8	4.0	60
Q8	... communicate (orally) effectively	0	0	6	7	5	18	3.9	3.9	4	4	3	5	.78	65	3.8	3.8	39	5.4K	3.6	3.8	57
Q9	... communicate (written) effectively	0	0	1	8	9	18	4.4	4.5	4.5	5	3	5	.60	65	4.3	4.5	50	5.4K	3.9	4.0	76
Q10	... understand the impact of engineering solutions in a broad context	0	0	1	4	13	18	4.7	4.8	5	5	3	5	.58	65	4.4	4.6	78	5.4K	4.0	4.2	85
Q11	... use techniques, skills or modern engineering tools necessary for engineering practice	0	0	1	8	9	18	4.4	4.5	4.5	5	3	5	.60	65	4.3	4.5	61	5.4K	4.0	4.2	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)

ABET General Questions General	Donglu Shi													--- Survey Comparisons ---								
	Responses					Individual								20MTEN				All				

		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	Pct Rnk
Q12	The course was well planned.	0	0	0	3	15	18	4.8	4.9	5	5	4	5	.37	65	4.5	4.7	72	5.7K	3.8	4.1	91
Q13	The professor was approachable to discuss problems related to the course.	0	0	0	3	15	18	4.8	4.9	5	5	4	5	.37	65	4.6	4.8	72	5.7K	4.2	4.5	83
Q14	Class assignments and exams were relevant to the course material.	0	0	0	2	16	18	4.9	4.9	5	5	4	5	.31	65	4.7	4.8	72	5.7K	4.2	4.4	88
Q15	The grading was fair.	0	0	0	3	15	18	4.8	4.9	5	5	4	5	.37	65	4.5	4.7	83	5.7K	4.0	4.2	88

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					Individual								20MTEN				All			
		VP	P	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	1	2	15	18	4.8	4.9	5	5	3	5	.53	65	4.4	4.7	83	5.7K	3.7	3.8	89
Q17	Overall, how do you rate this professor?	0	0	1	1	16	18	4.8	4.9	5	5	3	5	.50	65	4.5	4.8	72	5.7K	4.0	4.2	86

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:	38.89% (7 of 18)

1	Wonderful course. Although a lot of notes were given in class, prepared from different resources, a copy of the lecture notes may have been useful. Otherwise, a great course. Thank you Dr. Shi.
2	Very knowledgeable and passionate about the subject matter and very good at explaining the material. I appreciate that the class was concept based.
3	Professor Shi is a great professor who is very knowledgeable in his field of study. He is very open with what he has done and researched, which helps to provide clear examples of how engineers are helpful.
4	Professor Shi is a great instructor. He is able to clearly convey the material that is very complex at a high level in a comprehensible way. He is very approachable and encourages us to be engaging and ask any questions that we may have.
5	Professor has a great understanding of the material and teaches at a very high level while being a fair grader when it comes to exams
6	Presented complicated information in an understandable way.
7	He was always very enthusiastic about the subject and open to many questions and encouraged questions! He challenged the students and made the subject interesting and enjoyable. Overall, I always have a great experience taking his courses and hope to take more with him in the future!