MTC 476 (01F): Finite Element Applications

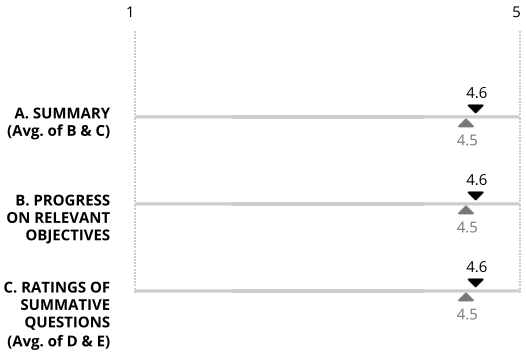
Fall 2022 | Kazi Imran

20 | Students Enrolled
17 | Students Responded
85% | Response Rate

Summative

▼ | Adjusted
▲ | Raw
| 3 Point Plus/Minus

Your Average Scores
5 Point Scale



Your Overall Mean Ratings
5 Point Scale

Ratings of Summative Questions	Raw	Adj.
D. Excellent Teacher	4.7	4.7
E. Excellent Course	4.4	4.5

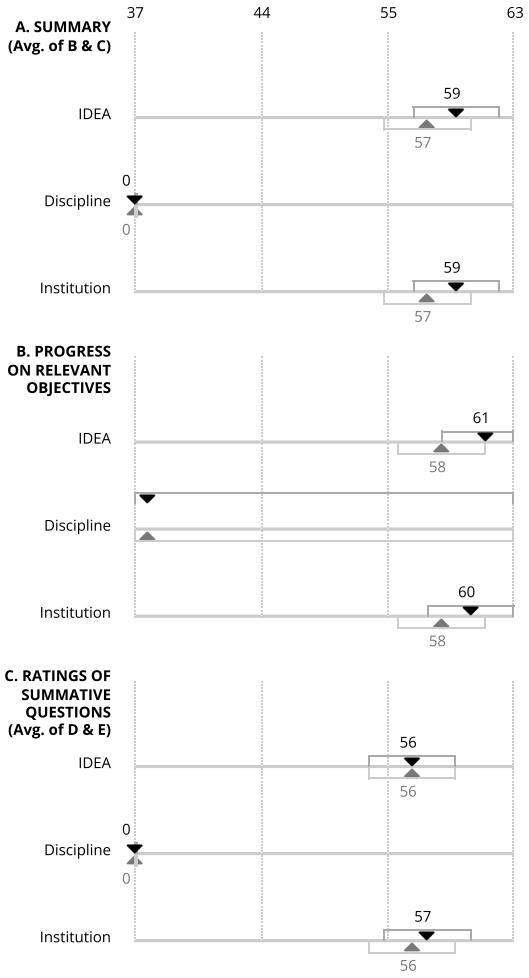
Your Overall Converted Ratings

Ratings of Summative Questions	Raw	Adj.
D. Excellent Teacher		
IDEA	56	56
Discipline		
Institution	56	57
E. Excellent Course		
IDEA	55	56
Discipline		
Institution	55	56

Converted Average Buckets
Based on a Bell Curve

Much Lower *(Lowest 10%)*	Lower *(Next 20%)*	Similar *(Middle 40%)*	Higher *(Next 20%)*	Much Higher *(Highest 10%)*
37 or Lower	**38 - 44**	**45 - 55**	**56 - 62**	**63 or Higher**

Your Converted Average



		Your Average (5 Point Scale)		% of Students Rating		Your Converted Average					
						IDEA		Discipline		Institution	
Student Ratings of Learning on Relevant Objectives	**Importance Rating**	**Raw**	**Adj.**	**1 or 2**	**4 or 5**	**Raw**	**Adj.**	**Raw**	**Adj.**	**Raw**	**Adj.**
Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)	E	4.4	4.5	0	82	56	59			57	59
Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures	M	3.1	3.1	35	47	36	36			45	46
Learning to *apply* course material (to improve thinking, problem solving, and decisions)	E	4.5	4.7	0	88	59	62			59	61
Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course	M	4.4	4.5	0	82	55	58			56	58
Acquiring skills in working with others as a member of a team	M	3.8	3.9	12	59	49	51			53	55
Developing creative capacities (inventing; designing; writing; performing in art, music, drama, etc.)	M	3.7	3.9	18	59	50	53			53	56
Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)	M	3.2	3.2	35	47	42	42			48	49
Developing skill in expressing myself orally or in writing	M	3.1	3.1	35	41	38	38			45	46
Learning how to find, evaluate, and use resources to explore a topic in depth	M	4.2	4.4	0	71	55	58			56	58
Developing ethical reasoning and/or ethical decision making	M	3.7	3.7	24	59	46	47			51	52
Learning to *analyze* and *critically evaluate* ideas, arguments, and points of view	M	4	4	6	71	50	51			53	55
Learning to apply knowledge and skills to benefit others or serve the public good	M	4.1	4.2	6	76	51	54			54	56
Learning appropriate methods for collecting, analyzing, and interpreting numerical information	M	4.6	4.7	0	94	62	64			62	63

		Your Converted Average		
Course Description	**Your Average**	**IDEA**	**Discipline**	**Institution**
Amount of coursework	3.4	52		53
Difficulty of subject matter	3.6	54		55

		Your Converted Average		
Student Description	**Your Average**	**IDEA**	**Discipline**	**Institution**
As a rule, I put forth more effort than other students on academic work.	3.5	40		45
I really wanted to take this course regardless of who taught it.	3.6	46		48
When this course began I believed I could master its content.	4	52		54
My background prepared me well for this course's requirements.	3.9	53		52

Formative

Teaching Essentials	**Your Average**	**Students Rating**	**Suggested Action**
Demonstrated the importance and significance of the subject matter	4.5	0% (1 or 2) 88% (4 or 5)	You employed the method more frequently than those teaching classes of similar size and level of student motivation.
Made it clear how each topic fit into the course	4.3	6% (1 or 2) 82% (4 or 5)	You employed the method with frequency typical of those teaching classes of similar size and level of student motivation.
Explained course material clearly and concisely	4.5	0% (1 or 2) 94% (4 or 5)	You employed the method more frequently than those teaching classes of similar size and level of student motivation.
Introduced stimulating ideas about the subject	4.2	0% (1 or 2) 82% (4 or 5)	You employed the method with frequency typical of those teaching classes of similar size and level of student motivation.
Inspired students to set and achieve goals which really challenged them	4.1	0% (1 or 2) 71% (4 or 5)	You employed the method with frequency typical of those teaching classes of similar size and level of student motivation.

Reflective and Integrative Learning	**Your Average**	**Students Rating**	**Suggested Action**
Encouraged students to reflect on and evaluate what they have learned	4.4	6% (1 or 2) 88% (4 or 5)	You employed the method more frequently than those teaching classes of similar size and level of student motivation.
Stimulated students to intellectual effort beyond that required by most courses	4.2	6% (1 or 2) 76% (4 or 5)	You employed the method with frequency typical of those teaching classes of similar size and level of student motivation.
Related course material to real life situations	4.3	6% (1 or 2) 94% (4 or 5)	You employed the method more frequently than those teaching classes of similar size and level of student motivation.
Created opportunities for students to apply course content outside the classroom	4	6% (1 or 2) 71% (4 or 5)	You employed the method with frequency typical of those teaching classes of similar size and level of student motivation.

Collaborative Learning	**Your Average**	**Students Rating**	**Suggested Action**

Active Learning	**Your Average**	**Students Rating**	**Suggested Action**

Quantitative

Describe the frequency of your instructor's teaching procedures. *The Instructor:*	**Hardly Ever**	**Occasionally**	**Sometimes**	**Frequently**	**Almost Always**	**N**	**DNA**	**SD**	**M**
Found ways to help students answer their own questions	0% (0)	0% (0)	5.88% (1)	41.18% (7)	52.94% (9)	17	0	0.61	4.47
Helped students to interpret subject matter from diverse perspectives (e.g., different cultures, religions, genders, political views)	11.76% (2)	5.88% (1)	17.65% (3)	17.65% (3)	47.06% (8)	17	0	1.38	3.82
Encouraged students to reflect on and evaluate what they have learned	0% (0)	5.88% (1)	5.88% (1)	35.29% (6)	52.94% (9)	17	0	0.84	4.35
Demonstrated the importance and significance of the subject matter	0% (0)	0% (0)	11.76% (2)	29.41% (5)	58.82% (10)	17	0	0.7	4.47
Formed teams or groups to facilitate learning	17.65% (3)	23.53% (4)	11.76% (2)	17.65% (3)	29.41% (5)	17	0	1.5	3.18
Made it clear how each topic fit into the course	0% (0)	5.88% (1)	11.76% (2)	29.41% (5)	52.94% (9)	17	0	0.89	4.29
Provided meaningful feedback on students' academic performance	0% (0)	5.88% (1)	11.76% (2)	29.41% (5)	52.94% (9)	17	0	0.89	4.29
Stimulated students to intellectual effort beyond that required by most courses	0% (0)	5.88% (1)	17.65% (3)	29.41% (5)	47.06% (8)	17	0	0.92	4.18
Encouraged students to use multiple resources (e.g., Internet, library holdings, outside experts) to improve understanding	0% (0)	5.88% (1)	35.29% (6)	11.76% (2)	47.06% (8)	17	0	1.03	4
Explained course material clearly and concisely	0% (0)	0% (0)	5.88% (1)	41.18% (7)	52.94% (9)	17	0	0.61	4.47

Describe the frequency of your instructor's teaching procedures. *The Instructor:*	**Hardly Ever**	**Occasionally**	**Sometimes**	**Frequently**	**Almost Always**	**N**	**DNA**	**SD**	**M**
Related course material to real life situations	0% (0)	5.88% (1)	0% (0)	52.94% (9)	41.18% (7)	17	0	0.75	4.29
Created opportunities for students to apply course content outside the classroom	0% (0)	5.88% (1)	23.53% (4)	35.29% (6)	35.29% (6)	17	0	0.91	4
Introduced stimulating ideas about the subject	0% (0)	0% (0)	17.65% (3)	47.06% (8)	35.29% (6)	17	0	0.71	4.18
Involved students in hands-on projects such as research, case studies, or real life activities	5.88% (1)	5.88% (1)	29.41% (5)	23.53% (4)	35.29% (6)	17	0	1.16	3.76
Inspired students to set and achieve goals which really challenged them	0% (0)	0% (0)	29.41% (5)	35.29% (6)	35.29% (6)	17	0	0.8	4.06
Asked students to share ideas and experiences with others whose backgrounds and viewpoints differ from their own	11.76% (2)	5.88% (1)	17.65% (3)	29.41% (5)	35.29% (6)	17	0	1.32	3.71
Asked students to help each other understand ideas or concepts	0% (0)	0% (0)	17.65% (3)	35.29% (6)	47.06% (8)	17	0	0.75	4.29
Gave projects, tests, or assignments that required original or creative thinking	0% (0)	5.88% (1)	11.76% (2)	29.41% (5)	52.94% (9)	17	0	0.89	4.29
Encouraged student-faculty interaction outside of class (e.g., office visits, phone calls, email)	0% (0)	0% (0)	17.65% (3)	23.53% (4)	58.82% (10)	17	0	0.77	4.41

Describe your progress on:	**No Apparent Progress**	**Slight Progress**	**Moderate Progress**	**Substantial Progress**	**Exceptional Progress**	**N**	**DNA**	**SD**	**M**
Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories)	0% (0)	0% (0)	17.65% (3)	23.53% (4)	58.82% (10)	17	0	0.77	4.41
Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures	23.53% (4)	11.76% (2)	17.65% (3)	23.53% (4)	23.53% (4)	17	0	1.49	3.12
Learning to *apply* course material (to improve thinking, problem solving, and decisions)	0% (0)	0% (0)	11.76% (2)	23.53% (4)	64.71% (11)	17	0	0.7	4.53
Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course	0% (0)	0% (0)	17.65% (3)	29.41% (5)	52.94% (9)	17	0	0.76	4.35
Acquiring skills in working with others as a member of a team	0% (0)	11.76% (2)	29.41% (5)	23.53% (4)	35.29% (6)	17	0	1.04	3.82
Developing creative capacities (inventing; designing; writing; performing in art, music, drama, etc.)	5.88% (1)	11.76% (2)	23.53% (4)	23.53% (4)	35.29% (6)	17	0	1.23	3.71
Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)	23.53% (4)	11.76% (2)	17.65% (3)	11.76% (2)	35.29% (6)	17	0	1.59	3.24
Developing skill in expressing myself orally or in writing	23.53% (4)	11.76% (2)	23.53% (4)	11.76% (2)	29.41% (5)	17	0	1.53	3.12
Learning how to find, evaluate, and use resources to explore a topic in depth	0% (0)	0% (0)	29.41% (5)	17.65% (3)	52.94% (9)	17	0	0.88	4.24
Developing ethical reasoning and/or ethical decision making	5.88% (1)	17.65% (3)	17.65% (3)	23.53% (4)	35.29% (6)	17	0	1.28	3.65
Learning to *analyze* and *critically evaluate* ideas, arguments, and points of view	5.88% (1)	0% (0)	23.53% (4)	29.41% (5)	41.18% (7)	17	0	1.08	4
Learning to apply knowledge and skills to benefit others or serve the public good	0% (0)	5.88% (1)	17.65% (3)	41.18% (7)	35.29% (6)	17	0	0.87	4.06
Learning appropriate methods for collecting, analyzing, and interpreting numerical information	0% (0)	0% (0)	5.88% (1)	29.41% (5)	64.71% (11)	17	0	0.6	4.59

The Course: *On the next two items, compare this course with others you have taken at this institution.*	**Much Less than Most Courses**	**Less than Most Courses**	**About Average**	**More than Most Courses**	**Much More than Most Courses**	**N**	**DNA**	**SD**	**M**
Amount of coursework	0% (0)	11.76% (2)	41.18% (7)	41.18% (7)	5.88% (1)	17	0	0.77	3.41
Difficulty of subject matter	0% (0)	0% (0)	58.82% (10)	23.53% (4)	17.65% (3)	17	0	0.77	3.59

For the following items, choose the option that best corresponds to your judgment.	Definitely False	More False than True	In Between	More True than False	Definitely True	N	DNA	SD	M
As a rule, I put forth more effort than other students on academic work.	0% (0)	11.76% (2)	35.29% (6)	41.18% (7)	11.76% (2)	17	0	0.85	3.53
I really wanted to take this course regardless of who taught it.	5.88% (1)	11.76% (2)	29.41% (5)	23.53% (4)	29.41% (5)	17	0	1.19	3.59
When this course began I believed I could master its content.	0% (0)	5.88% (1)	23.53% (4)	35.29% (6)	35.29% (6)	17	0	0.91	4
My background prepared me well for this course's requirements.	5.88% (1)	5.88% (1)	11.76% (2)	47.06% (8)	29.41% (5)	17	0	1.08	3.88
Overall, I rate this instructor an excellent teacher.	0% (0)	0% (0)	5.88% (1)	23.53% (4)	70.59% (12)	17	0	0.59	4.65
Overall, I rate this course as excellent.	0% (0)	0% (0)	11.76% (2)	35.29% (6)	52.94% (9)	17	0	0.69	4.41

Qualitative

Comments -

- Great teacher, very understanding and cooperative. Clearly wants you to succeed and will help you do so.
- I really enjoyed this class being shy-Flex which allowed for me to easily be able to access course content when I was unable to attend in person class, or just needed a refresher on certain topics
- One of the best electives in the MET program
- good course good teacher
- Professor Kazi is one of the best professors I have had in this college. He considers his student’s understandings and he cares about the material he teaches. I am grateful to have had him for this course.
- Great Teacher that cares about his students.
- Professor Imran like I said in my other evaluation, is one of the best and most helpful teachers I’ve ever had at SunyPoly. I’ve been here for 5 years and I’d say this no matter my grade in this course. Very few teachers provide additional help and have the patience to re teach material to students who don’t initially understand. But Professor Imran does.
- Very good course. I would like to see more complex problems and real world examples. I feel that would help better prepare for the real world. The problems we solved were helpful but I would like something very challenging.
- Grate Teacher