PHIL 3372 (05): Philosophy of Science
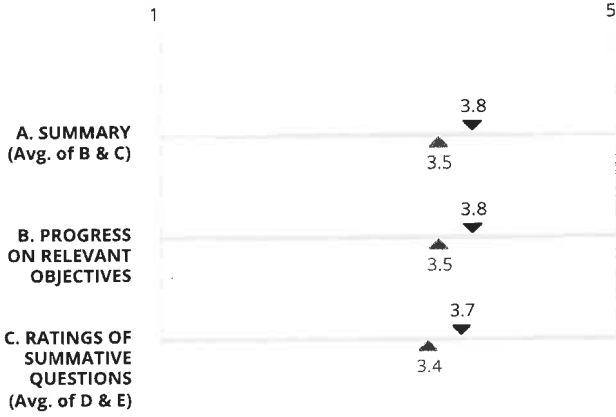
Spring 2022 | Thomas Brommage | Course CIP Code: 38.0101

36	Students Enrolled
11	Students Responded
30.56%	Response Rate

Summative

▼	Adjusted
▲	Raw
⌐¬	3 Point Plus/Minus

Converted Average Buckets
Based on a Bell Curve

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

Your Average Scores
5 Point Scale

A. SUMMARY (Avg. of B & C) — 3.8 / 3.5

B. PROGRESS ON RELEVANT OBJECTIVES — 3.8 / 3.5

C. RATINGS OF SUMMATIVE QUESTIONS (Avg. of D & E) — 3.7 / 3.4

Your Overall Mean Ratings
5 Point Scale

Ratings of Summative Questions	Raw	Adj.
D. Excellent Teacher	3.5	3.7
E. Excellent Course	3.3	3.6

Your Overall Converted Ratings
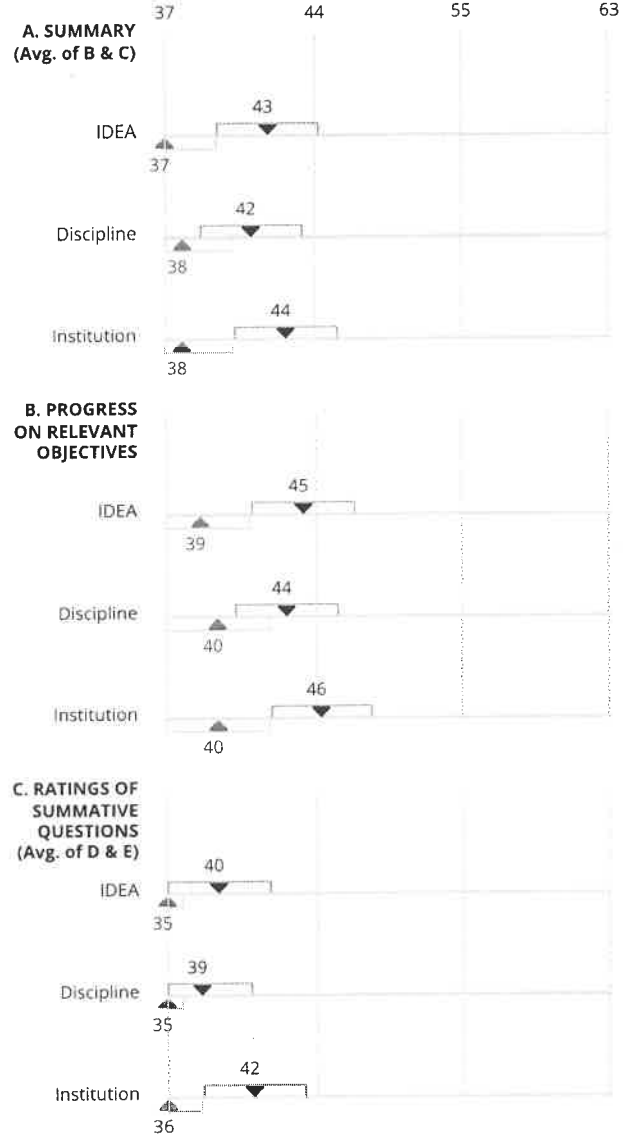
Ratings of Summative Questions	Raw	Adj.
D. Excellent Teacher		
IDEA	35	39
Discipline	34	38
Institution	36	42
E. Excellent Course		
IDEA	34	41
Discipline	36	39
Institution	35	42

Your Converted Average

A. SUMMARY (Avg. of B & C)
- IDEA — 43 / 37
- Discipline — 42 / 38
- Institution — 44 / 38

B. PROGRESS ON RELEVANT OBJECTIVES
- IDEA — 45 / 39
- Discipline — 44 / 40
- Institution — 46 / 40

C. RATINGS OF SUMMATIVE QUESTIONS (Avg. of D & E)
- IDEA — 40 / 35
- Discipline — 39 / 35
- Institution — 42 / 36

Student Ratings of Learning on Relevant Objectives	Importance Rating	Your Average (5 Point Scale)		% of Students Rating		Your Converted Average					
						IDEA		Discipline		Institution	
		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)	I	3.4	3.6	27	45	33	38	35	38	35	41
Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures	M	3.2	3.6	36	36	37	44	34	39	38	45
Learning to *apply* course material (to improve thinking, problem solving, and decisions)	E	3.6	3.9	18	55	39	47	42	47	40	47
Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course	M	3.3	3.6	27	36	34	40	39	44	34	42
Acquiring skills in working with others as a member of a team	M	3.2	3.6	36	45	39	45	48	53	41	48
Developing creative capacities (inventing; designing; writing; performing in art, music, drama, etc.)	M	2.7	3.3	55	27	36	45	40	47	34	44
Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)	M	3.5	3.9	27	45	45	52	44	49	44	51
Developing skill in expressing myself orally or in writing	M	3.4	3.9	27	45	42	50	42	49	41	50
Learning how to find, evaluate, and use resources to explore a topic in depth	M	3.2	3.5	36	45	36	42	40	45	38	45
Developing ethical reasoning and/or ethical decision making	M	3.1	3.4	27	27	38	43	32	36	39	45
Learning to *analyze* and *critically evaluate* ideas, arguments, and points of view	I	3.6	3.9	18	45	44	49	40	44	44	50
Learning to apply knowledge and skills to benefit others or serve the public good	M	3.1	3.5	36	36	35	42	38	44	37	45
Learning appropriate methods for collecting, analyzing, and interpreting numerical information	M	3.1	3.2	36	36	38	40	49	51	40	43

Course Description	Your Average	Your Converted Average		
		IDEA	Discipline	Institution
Amount of coursework	3.6	56	59	56
Difficulty of subject matter	4.1	64	63	64

Student Description	Your Average	Your Converted Average		
		IDEA	Discipline	Institution
As a rule, I put forth more effort than other students on academic work.	3.6	44	46	43
I really wanted to take this course regardless of who taught it.	3.2	38	44	41
When this course began I believed I could master its content.	2.9	23	34	27
My background prepared me well for this course's requirements.	3	34	43	36

Formative

Teaching Essentials	Your Average	Students Rating	Suggested Action
Demonstrated the importance and significance of the subject matter	4	0% (1 or 2) 64% (4 or 5)	You employed the method less frequently than those teaching classes of similar size and level of student motivation.
Made it clear how each topic fit into the course	3.9	9% (1 or 2) 73% (4 or 5)	You employed the method less frequently than those teaching classes of similar size and level of student motivation.
Explained course material clearly and concisely	3.1	36% (1 or 2) 27% (4 or 5)	You employed the method less frequently than those teaching classes of similar size and level of student motivation.
Introduced stimulating ideas about the subject	3.3	36% (1 or 2) 45% (4 or 5)	You employed the method less frequently than those teaching classes of similar size and level of student motivation.
Inspired students to set and achieve goals which really challenged them	3.1	36% (1 or 2) 36% (4 or 5)	You employed the method less frequently than those teaching classes of similar size and level of student motivation.

Reflective and Integrative Learning	Your Average	Students Rating	Suggested Action
Helped students to interpret subject matter from diverse perspectives (e.g., different cultures, religions, genders, political views)	3.6	27% (1 or 2) 55% (4 or 5)	You employed the method less frequently than those teaching classes of similar size and level of student motivation.
Encouraged students to reflect on and evaluate what they have learned	3.9	18% (1 or 2) 64% (4 or 5)	You employed the method less frequently than those teaching classes of similar size and level of student motivation.
Stimulated students to intellectual effort beyond that required by most courses	3.6	27% (1 or 2) 55% (4 or 5)	You employed the method less frequently than those teaching classes of similar size and level of student motivation.
Related course material to real life situations	3.3	45% (1 or 2) 36% (4 or 5)	You employed the method less frequently than those teaching classes of similar size and level of student motivation.
Created opportunities for students to apply course content outside the classroom	2.9	55% (1 or 2) 45% (4 or 5)	You employed the method less frequently than 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
Gave projects, tests, or assignments that required original or creative thinking	4.4	9% (1 or 2) 91% (4 or 5)	You employed the method more frequently than those teaching classes of similar size and level of student motivation.

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)	18.18% (2)	9.09% (1)	36.36% (4)	36.36% (4)	11	0	1.08	3.91
Helped students to interpret subject matter from diverse perspectives (e.g., different cultures, religions, genders, political views)	0% (0)	27.27% (3)	18.18% (2)	18.18% (2)	36.36% (4)	11	0	1.23	3.64
Encouraged students to reflect on and evaluate what they have learned	0% (0)	18.18% (2)	18.18% (2)	18.18% (2)	45.45% (5)	11	0	1.16	3.91
Demonstrated the importance and significance of the subject matter	0% (0)	0% (0)	36.36% (4)	27.27% (3)	36.36% (4)	11	0	0.85	4
Formed teams or groups to facilitate learning	18.18% (2)	0% (0)	27.27% (3)	18.18% (2)	36.36% (4)	11	0	1.44	3.55
Made it clear how each topic fit into the course	0% (0)	9.09% (1)	18.18% (2)	45.45% (5)	27.27% (3)	11	0	0.9	3.91
Provided meaningful feedback on students' academic performance	9.09% (1)	9.09% (1)	18.18% (2)	18.18% (2)	45.45% (5)	11	0	1.34	3.82
Stimulated students to intellectual effort beyond that required by most courses	9.09% (1)	18.18% (2)	18.18% (2)	18.18% (2)	36.36% (4)	11	0	1.37	3.55
Encouraged students to use multiple resources (e.g., Internet, library holdings, outside experts) to improve understanding	36.36% (4)	18.18% (2)	18.18% (2)	0% (0)	27.27% (3)	11	0	1.61	2.64
Explained course material clearly and concisely	9.09% (1)	27.27% (3)	36.36% (4)	0% (0)	27.27% (3)	11	0	1.31	3.09

Describe the frequency of your instructor's teaching procedures.	Hardly Ever	Occasionally	Sometimes	Frequently	Almost Always		N	DNA	SD	M
The Instructor:										
Related course material to real life situations	0% (0)	45.45% (5)	18.18% (2)	0% (0)	36.36% (4)		11	0	1.35	3.27
Created opportunities for students to apply course content outside the classroom	27.27% (3)	27.27% (3)	0% (0)	18.18% (2)	27.27% (3)		11	0	1.62	2.91
Introduced stimulating ideas about the subject	18.18% (2)	18.18% (2)	18.18% (2)	9.09% (1)	36.36% (4)		11	0	1.54	3.27
Involved students in hands-on projects such as research, case studies, or real life activities	45.45% (5)	9.09% (1)	18.18% (2)	0% (0)	27.27% (3)		11	0	1.67	2.55
Inspired students to set and achieve goals which really challenged them	18.18% (2)	18.18% (2)	27.27% (3)	9.09% (1)	27.27% (3)		11	0	1.44	3.09
Asked students to share ideas and experiences with others whose backgrounds and viewpoints differ from their own	18.18% (2)	18.18% (2)	0% (0)	36.36% (4)	27.27% (3)		11	0	1.49	3.36
Asked students to help each other understand ideas or concepts	9.09% (1)	9.09% (1)	0% (0)	36.36% (4)	45.45% (5)		11	0	1.28	4
Gave projects, tests, or assignments that required original or creative thinking	9.09% (1)	0% (0)	0% (0)	27.27% (3)	63.64% (7)		11	0	1.15	4.36
Encouraged student-faculty interaction outside of class (e.g., office visits, phone calls, email)	9.09% (1)	27.27% (3)	0% (0)	18.18% (2)	45.45% (5)		11	0	1.49	3.64

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)	9.09% (1)	18.18% (2)	27.27% (3)	18.18% (2)	27.27% (3)		11	0	1.3	3.36
Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures	9.09% (1)	27.27% (3)	27.27% (3)	9.09% (1)	27.27% (3)		11	0	1.34	3.18
Learning to *apply* course material (to improve thinking, problem solving, and decisions)	9.09% (1)	9.09% (1)	27.27% (3)	27.27% (3)	27.27% (3)		11	0	1.23	3.55
Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course	9.09% (1)	18.18% (2)	36.36% (4)	9.09% (1)	27.27% (3)		11	0	1.29	3.27
Acquiring skills in working with others as a member of a team	27.27% (3)	9.09% (1)	18.18% (2)	9.09% (1)	36.36% (4)		11	0	1.64	3.18
Developing creative capacities (inventing; designing; writing; performing in art, music, drama, etc.)	27.27% (3)	27.27% (3)	18.18% (2)	0% (0)	27.27% (3)		11	0	1.54	2.73
Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.)	9.09% (1)	18.18% (2)	27.27% (3)	9.09% (1)	36.36% (4)		11	0	1.37	3.45
Developing skill in expressing myself orally or in writing	9.09% (1)	18.18% (2)	27.27% (3)	18.18% (2)	27.27% (3)		11	0	1.3	3.36
Learning how to find, evaluate, and use resources to explore a topic in depth	18.18% (2)	18.18% (2)	18.18% (2)	18.18% (2)	27.27% (3)		11	0	1.47	3.18
Developing ethical reasoning and/or ethical decision making	18.18% (2)	9.09% (1)	45.45% (5)	0% (0)	27.27% (3)		11	0	1.38	3.09
Learning to *analyze* and *critically evaluate* ideas, arguments, and points of view	9.09% (1)	9.09% (1)	36.36% (4)	0% (0)	45.45% (5)		11	0	1.37	3.64
Learning to apply knowledge and skills to benefit others or serve the public good	18.18% (2)	18.18% (2)	27.27% (3)	9.09% (1)	27.27% (3)		11	0	1.44	3.09
Learning appropriate methods for collecting, analyzing, and interpreting numerical information	27.27% (3)	9.09% (1)	27.27% (3)	0% (0)	36.36% (4)		11	0	1.62	3.09

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)	0% (0)	54.55% (6)	27.27% (3)	18.18% (2)	11	0	0.77	3.64
Difficulty of subject matter	0% (0)	9.09% (1)	18.18% (2)	27.27% (3)	45.45% (5)	11	0	1	4.09

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)	18.18% (2)	27.27% (3)	27.27% (3)	27.27% (3)	11	0	1.07	3.64
I really wanted to take this course regardless of who taught it.	18.18% (2)	9.09% (1)	36.36% (4)	9.09% (1)	27.27% (3)	11	0	1.4	3.18
When this course began I believed I could master its content.	27.27% (3)	9.09% (1)	27.27% (3)	18.18% (2)	18.18% (2)	11	0	1.44	2.91
My background prepared me well for this course's requirements.	9.09% (1)	18.18% (2)	45.45% (5)	18.18% (2)	9.09% (1)	11	0	1.04	3
Overall, I rate this instructor an excellent teacher.	9.09% (1)	18.18% (2)	27.27% (3)	9.09% (1)	36.36% (4)	11	0	1.37	3.45
Overall, I rate this course as excellent.	18.18% (2)	18.18% (2)	18.18% (2)	9.09% (1)	36.36% (4)	11	0	1.54	3.27

Please use the key below to answer the questions about your experience with technology in your online course.	1 = Hardly Ever	2 = Occasionally	3 = Sometimes	4 = Frequently	5 = Almost Always	N	DNA	SD	M
This course was generally easy to navigate.	0% (0)	0% (0)	9.09% (1)	9.09% (1)	81.82% (9)	11	0	0.62	4.73
The tools in this course were easy to use (discussions, blogs, email, etc.).	0% (0)	0% (0)	9.09% (1)	9.09% (1)	81.82% (9)	11	0	0.62	4.73
The technologies used in this course (Kaltura, Tegrity, Respondus) were reliable.	9.09% (1)	0% (0)	9.09% (1)	9.09% (1)	72.73% (8)	11	0	1.23	4.36
I was able to access my online course 24x7.	0% (0)	0% (0)	0% (0)	9.09% (1)	90.91% (10)	11	0	0.29	4.91
I was able to obtain technology support when needed from the SHSU Online Helpdesk.	9.09% (1)	0% (0)	18.18% (2)	0% (0)	72.73% (8)	11	0	1.29	4.27
When I reported technology problems to the SHSU Online Helpdesk, they were quickly resolved.	9.09% (1)	0% (0)	18.18% (2)	0% (0)	72.73% (8)	11	0	1.29	4.27
SHSU Online provided me training on how to use online course technology via the "Getting Started" course in Blackboard.	9.09% (1)	0% (0)	18.18% (2)	0% (0)	72.73% (8)	11	0	1.29	4.27

Qualitative

Comments -

- Dr. Brommage might just be my favorite professor ever. His course was difficult and challenging in a very satisfying way. Would take him again without a doubt.
- I just didn't like how long it takes him to grade things.
- I wish there were more examples in the PowerPoints. They did have some examples and it was tremendously helpful. The lectures were an awesome addition to the class. Prof. Brommage truly knows his stuff.
- Dr. Brommage was an excellent professor and always there to answer questions and help students. This class is very challenging, and it is one where you really have to earn your grade. I appreciate this, and I feel like I learned a lot in the course
- Dr. Brommage was an amazing professor. He excelled at explaining the topics covered in the course. If the concept was more challenging, he posted more videos explaining the concept and often encouraged other student's input on the topics to help others understand. He was willing to work with students through office hours or over email to discuss the course. Moreso, before exams he hosted multiple virtual study sessions to answer student's questions. This professor is very passionate about education and wants his students to suceed. Everyone should take this guy!
- Dr. Brommage would take over a month after tests were submitted to get our grades back to us. This created a bit of a problem because we never knew where we stood in the class until we were about to take the next unit test.

What technology features in this course contributed to a good online learning experience? -

- The organization of the course contents.