## PHIL 3372 (02): Philosophy of Science

Spring 2023 | Thomas Brommage | Course CIP Code: 38.0101

## Summative



Your Average Scores 5 Point Scale


Your Overall Mean Ratings
5 Point Scale

| Ratings of Summative Questions | Raw | Adj. |
| :--- | :--- | :--- |
| D. Excellent Teacher | 3.8 | 4 |
| E. Excellent Course | 3.8 | 4 |

Your Overall Converted Ratings

| Ratings of Summative Questions | Raw | Adj. |
| :--- | :--- | :--- |
| D. Excellent Teacher | 41 | 45 |
| IDEA | 41 | 43 |
| Discipline | 42 | 46 |
| Institution | 44 | 48 |
| E. Excellent Course | 44 | 45 |
| IDEA | 43 | 48 |
| Discipline |  |  |
| Institution |  |  |


| Converted Average Buckets <br> Based on a Bell Curve |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :---: |
| Much Lower <br> (Lowest 10\%) <br> $\mathbf{3 7}$ or Lower | Lower <br> (Next 20\%) <br> $\mathbf{3 8 - 4 4}$ | Similar <br> (Middle 40\%) <br> $\mathbf{4 5}-\mathbf{5 5}$ | Higher <br> (Next 20\%) <br> $\mathbf{5 6 - 6 2}$ | Much Higher <br> (Highest 10\%) <br> $\mathbf{6 3}$ or Higher |  |

## Your Converted Average



|  | Importance <br> Rating | Your Average (5 Point Scale) |  | $\%$ of <br> Students <br> Rating |  | Your Converted Average |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | IDEA | Discipline |  | Institution |  |
| Student Ratings of Learning on Relevant Objectives |  | 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) | 1 | 4 | 4.2 | 0 | 80 | 47 | 52 | 48 | 50 | 47 | 52 |
| Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures | M | 3.8 | 4.6 | 0 | 60 | 48 | 60 | 45 | 56 | 48 | 60 |
| Learning to apply course material (to improve thinking, problem solving, and decisions) | 1 | 4 | 4.4 | 0 | 80 | 48 | 55 | 50 | 54 | 48 | 54 |
| Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course | M | 3.4 | 3.6 | 20 | 40 | 36 | 39 | 42 | 44 | 37 | 42 |
| Acquiring skills in working with others as a member of a team | M | 2.6 | 2.9 | 60 | 40 | 31 | 35 | 42 | 46 | 34 | 40 |
| Developing creative capacities (inventing; designing; writing; performing in art, music, drama, etc.) | M | 2.6 | 3.4 | 60 | 40 | 35 | 46 | 39 | 49 | 33 | 45 |
| Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.) | M | 3.4 | 4 | 20 | 40 | 44 | 53 | 44 | 51 | 44 | 52 |
| Developing skill in expressing myself orally or in writing | M | 3.6 | 4.3 | 20 | 60 | 46 | 57 | 46 | 55 | 45 | 56 |
| Learning how to find, evaluate, and use resources to explore a topic in depth | M | 2.8 | 3 | 60 | 40 | 29 | 33 | 34 | 39 | 33 | 38 |
| Developing ethical reasoning and/or ethical decision making | M | 3.2 | 3.6 | 40 | 60 | 39 | 45 | 34 | 39 | 41 | 47 |
| Learning to analyze and critically evaluate ideas, arguments, and points of view | E | 3.8 | 4.1 | 20 | 60 | 47 | 52 | 43 | 47 | 47 | 52 |
| Learning to apply knowledge and skills to benefit others or serve the public good | M | 3.6 | 4.1 | 20 | 60 | 43 | 52 | 46 | 52 | 45 | 53 |
| Learning appropriate methods for collecting, analyzing, and interpreting numerical information | M | 3.4 | 3.4 | 40 | 60 | 43 | 43 | 53 | 53 | 45 | 45 |


|  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
|  |  | Your Converted Average |  |  |
| Course Description | Your <br> Average | IDEA | Discipline | Institution |
| Amount of coursework | 2.4 | 32 | 35 | 33 |
| Difficulty of subject matter | 4.4 | 69 | 70 | 70 |


|  | Your Converted Average |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Student Description | Your <br> Average | IDEA | Discipline | Institution |
| As a rule, I put forth more effort <br> than other students on academic <br> work. | 3.8 | 49 | 51 | 49 |
| I really wanted to take this course <br> regardless of who taught it. | 3.8 | 51 | 55 | 52 |
| When this course began I believed <br> could master its content. | 3.4 | 36 | 44 | 39 |
| My background prepared me well <br> for this course's requirements. | 3.4 | 42 | 49 | 43 |

## Formative

| Teaching Essentials | Your <br> Average | Students Rating |
| :--- | :--- | :--- | Suggested Action

## Quantitative

| Describe the frequency of your instructor's teaching procedures. <br> The Instructor: | Hardly Ever | Occasional ly | Sometimes | Frequently | Almost Always | N | DNA | SD | M |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Found ways to help students answer their own questions | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| Helped students to interpret subject matter from diverse perspectives (e.g., different cultures, religions, genders, political views) | 0\% (0) | 0\% (0) | 0\% (0) | 60\% (3) | 40\% (2) | 5 | 0 | 0.49 | 4.4 |
| Encouraged students to reflect on and evaluate what they have learned | 0\% (0) | 0\% (0) | 0\% (0) | 40\% (2) | 60\% (3) | 5 | 0 | 0.49 | 4.6 |
| Demonstrated the importance and significance of the subject matter | 0\% (0) | 0\% (0) | 20\% (1) | 20\% (1) | 60\% (3) | 5 | 0 | 0.8 | 4.4 |
| Formed teams or groups to facilitate learning | 60\% (3) | 0\% (0) | 20\% (1) | 0\% (0) | 20\% (1) | 5 | 0 | 1.6 | 2.2 |
| Made it clear how each topic fit into the course | 0\% (0) | 0\% (0) | 20\% (1) | 20\% (1) | 60\% (3) | 5 | 0 | 0.8 | 4.4 |
| Provided meaningful feedback on students' academic performance | 0\% (0) | 0\% (0) | 20\% (1) | 0\% (0) | 80\% (4) | 5 | 0 | 0.8 | 4.6 |
| Stimulated students to intellectual effort beyond that required by most courses | 0\% (0) | 0\% (0) | 0\% (0) | 20\% (1) | 80\% (4) | 5 | 0 | 0.4 | 4.8 |
| Encouraged students to use multiple resources (e.g., Internet, library holdings, outside experts) to improve understanding | 20\% (1) | 20\% (1) | 0\% (0) | 20\% (1) | 40\% (2) | 5 | 0 | 1.62 | 3.4 |
| Explained course material clearly and concisely | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| Describe the frequency of your instructor's teaching procedures. <br> The Instructor: | Hardly Ever | Occasional ly | Sometimes | Frequently | Almost Always | N | DNA | SD | M |
| Related course material to real life situations | 0\% (0) | 0\% (0) | 20\% (1) | 60\% (3) | 20\% (1) | 5 | 0 | 0.63 | 4 |
| Created opportunities for students to apply course content outside the classroom | 40\% (2) | 0\% (0) | 20\% (1) | 20\% (1) | 20\% (1) | 5 | 0 | 1.6 | 2.8 |
| Introduced stimulating ideas about the subject | 0\% (0) | 0\% (0) | 20\% (1) | 20\% (1) | 60\% (3) | 5 | 0 | 0.8 | 4.4 |
| Involved students in hands-on projects such as research, case studies, or real life activities | 60\% (3) | 0\% (0) | 0\% (0) | 20\% (1) | 20\% (1) | 5 | 0 | 1.74 | 2.4 |
| Inspired students to set and achieve goals which really challenged them | 0\% (0) | 20\% (1) | 0\% (0) | 40\% (2) | 40\% (2) | 5 | 0 | 1.1 | 4 |
| Asked students to share ideas and experiences with others whose backgrounds and viewpoints differ from their own | 0\% (0) | 0\% (0) | 0\% (0) | 60\% (3) | 40\% (2) | 5 | 0 | 0.49 | 4.4 |
| Asked students to help each other understand ideas or concepts | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| Gave projects, tests, or assignments that required original or creative thinking | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| Encouraged student-faculty interaction outside of class (e.g., office visits, phone calls, email) | 0\% (0) | 0\% (0) | 0\% (0) | 40\% (2) | 60\% (3) | 5 | 0 | 0.49 | 4.6 |


| Describe your progress on: | No <br> Apparent <br> Progress | Slight <br> Progress | Moderate <br> Progress | Substantia I Progress | Exceptiona <br> I Progress | N | DNA | SD | M |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories) | 0\% (0) | 0\% (0) | 20\% (1) | 60\% (3) | 20\% (1) | 5 | 0 | 0.63 | 4 |
| Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures | 0\% (0) | 0\% (0) | 40\% (2) | 40\% (2) | 20\% (1) | 5 | 0 | 0.75 | 3.8 |
| Learning to apply course material (to improve thinking, problem solving, and decisions) | 0\% (0) | 0\% (0) | 20\% (1) | 60\% (3) | 20\% (1) | 5 | 0 | 0.63 | 4 |
| Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course | 0\% (0) | 20\% (1) | 40\% (2) | 20\% (1) | 20\% (1) | 5 | 0 | 1.02 | 3.4 |
| Acquiring skills in working with others as a member of a team | 40\% (2) | 20\% (1) | 0\% (0) | 20\% (1) | 20\% (1) | 5 | 0 | 1.62 | 2.6 |
| Developing creative capacities (inventing; designing; writing; performing in art, music, drama, etc.) | 40\% (2) | 20\% (1) | 0\% (0) | 20\% (1) | 20\% (1) | 5 | 0 | 1.62 | 2.6 |
| Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.) | 0\% (0) | 20\% (1) | 40\% (2) | 20\% (1) | 20\% (1) | 5 | 0 | 1.02 | 3.4 |
| Developing skill in expressing myself orally or in writing | 0\% (0) | 20\% (1) | 20\% (1) | 40\% (2) | 20\% (1) | 5 | 0 | 1.02 | 3.6 |
| Learning how to find, evaluate, and use resources to explore a topic in depth | 20\% (1) | 40\% (2) | 0\% (0) | 20\% (1) | 20\% (1) | 5 | 0 | 1.47 | 2.8 |
| Developing ethical reasoning and/or ethical decision making | 20\% (1) | 20\% (1) | 0\% (0) | 40\% (2) | 20\% (1) | 5 | 0 | 1.47 | 3.2 |
| Learning to analyze and critically evaluate ideas, arguments, and points of view | 0\% (0) | 20\% (1) | 20\% (1) | 20\% (1) | 40\% (2) | 5 | 0 | 1.17 | 3.8 |
| Learning to apply knowledge and skills to benefit others or serve the public good | 0\% (0) | 20\% (1) | 20\% (1) | 40\% (2) | 20\% (1) | 5 | 0 | 1.02 | 3.6 |
| Learning appropriate methods for collecting, analyzing, and interpreting numerical information | 0\% (0) | 40\% (2) | 0\% (0) | 40\% (2) | 20\% (1) | 5 | 0 | 1.2 | 3.4 |
| The Course: <br> 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 <br> More than <br> Most <br> Courses | N | DNA | SD | M |
| Amount of coursework | 20\% (1) | 20\% (1) | 60\% (3) | 0\% (0) | 0\% (0) | 5 | 0 | 0.8 | 2.4 |
| Difficulty of subject matter | 0\% (0) | 0\% (0) | 20\% (1) | 20\% (1) | 60\% (3) | 5 | 0 | 0.8 | 4.4 |
| 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) | 0\% (0) | 40\% (2) | 40\% (2) | 20\% (1) | 5 | 0 | 0.75 | 3.8 |
| I really wanted to take this course regardless of who taught it. | 0\% (0) | 0\% (0) | 40\% (2) | 40\% (2) | 20\% (1) | 5 | 0 | 0.75 | 3.8 |
| When this course began I believed I could master its content. | 0\% (0) | 20\% (1) | 40\% (2) | 20\% (1) | 20\% (1) | 5 | 0 | 1.02 | 3.4 |
| My background prepared me well for this course's requirements. | 0\% (0) | 0\% (0) | 60\% (3) | 40\% (2) | 0\% (0) | 5 | 0 | 0.49 | 3.4 |
| Overall, I rate this instructor an excellent teacher. | 0\% (0) | 0\% (0) | 40\% (2) | 40\% (2) | 20\% (1) | 5 | 0 | 0.75 | 3.8 |
| Overall, I rate this course as excellent. | 0\% (0) | 0\% (0) | 40\% (2) | 40\% (2) | 20\% (1) | 5 | 0 | 0.75 | 3.8 |

## Qualitative

## Comments -

 not be as prepared for this course as I am for my other courses because my professor was not prepared. He referred to us as "guinea pigs" for his new way of teaching. I would have
 slides in the meantime. It took him two weeks to grade any exam for our course of about 30 students, give or take. I need to know how I am performing so that I can change my study

 poor student.

