ECON 300 (1): Quantitative Methods in ECON
Spring Semester 2022 | Yixiao Jiang | Course CIP Code: 45.0601

## Summative

| $\boldsymbol{\nabla}$ \| Adjusted |  |
| :--- | :--- |
| $\boldsymbol{\Delta}$ \| Raw |  |
| $\square$ | \| 3 Point Plus/Minus |

Your Average Scores
5 Point Scale



| Converted Average Buckets <br> Based on a Bell Curve |
| :--- |
| Much Lower Lower Similar Higher Much Higher <br> (Lowest 10\%) (Next 20\%) (Middle 40\%) <br> (Next 20\%) (Highest 10\%) <br> (N3  <br> $\mathbf{3 7}$ or Lower     <br> $\mathbf{3 8 - 4 4}$ $\mathbf{4 5 - 5 5}$ $\mathbf{5 6 - 6 2}$ $\mathbf{6 3}$ or Higher  |





|  | Importance <br> Rating | Your Average <br> (5 Point <br> Scale) |  | $\%$ of <br> Students <br> Rating |  | Your Converted Average |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | IDEA | Adj. | Discipline |  | Institution |  |
| Student Ratings of Learning on Relevant Objectives |  | Raw | Adj. |  |  |  | 1 or 24 or 5 |  | Raw | Raw | Adj. | Raw | Adj. |
| Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories) | 1 | 4.6 | 4.6 | 0 | 100 | 60 | 60 | 62 | 62 | 60 | 60 |
| Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures | 1 | 4.2 | 4.3 | 0 | 80 | 54 | 56 | 57 | 58 | 55 | 56 |
| Learning to apply course material (to improve thinking, problem solving, and decisions) | M | 4.4 | 4.4 | 0 | 100 | 56 | 56 | 59 | 59 | 57 | 57 |
| Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course | M | 4.4 | 4.4 | 0 | 100 | 56 | 56 | 58 | 58 | 56 | 56 |
| Acquiring skills in working with others as a member of a team | M | 4.2 | 4.2 | 0 | 80 | 55 | 55 | 58 | 59 | 56 | 56 |
| Developing creative capacities (inventing; designing; writing; performing in art, music, drama, etc.) | M | 3.4 | 3.4 | 20 | 60 | 46 | 46 | 54 | 54 | 48 | 50 |
| Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.) | M | 4.2 | 4.3 | 0 | 80 | 57 | 58 | 62 | 63 | 56 | 57 |
| Developing skill in expressing myself orally or in writing | M | 3.8 | 3.8 | 20 | 80 | 49 | 49 | 54 | 55 | 50 | 52 |
| Learning how to find, evaluate, and use resources to explore a topic in depth | M | 4.4 | 4.4 | 0 | 100 | 58 | 58 | 59 | 60 | 58 | 59 |
| Developing ethical reasoning and/or ethical decision making | M | 4.2 | 4.2 | 0 | 80 | 55 | 55 | 58 | 58 | 59 | 59 |
| Learning to analyze and critically evaluate ideas, arguments, and points of view | M | 4.2 | 4.2 | 0 | 80 | 54 | 54 | 57 | 57 | 55 | 55 |
| Learning to apply knowledge and skills to benefit others or serve the public good | M | 4.6 | 4.7 | 0 | 100 | 60 | 62 | 63 | 63 | 63 | 63 |
| Learning appropriate methods for collecting, analyzing, and interpreting numerical information | M | 4.8 | 4.8 | 0 | $100$ | 65 | 65 | 64 | 64 | 63 | 63 |


|  | Your Converted Average |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Course Description | Your Average | IDEA | Discipline | Institution |
| Amount of coursework | 3.2 | 48 | 48 | 50 |
| Difficulty of subject matter | 4 | 62 | 56 | 62 |


|  | Your Converted Average |  |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Student Description | Your Average | IDEA | Discipline | Institution |
| As a rule, I put forth more effort than <br> other students on academic work. | 4 | 56 | 54 | 55 |
| I really wanted to take this course re- <br> gardless of who taught it. | 4.2 | 59 | 60 | 59 |
| When this course began I believed I <br> could master its content. | 3.4 | 36 | 42 | 38 |
| My background prepared me well for <br> this course's requirements. | 4 | 55 | 58 | 54 |

## Formative

| Teaching Essentials | Your Average | Students Rating | Suggested Action |
| :---: | :---: | :---: | :---: |
| Made it clear how each topic fit into the course | 4.8 | $\begin{aligned} & 0 \%(1 \text { or } 2) \\ & 100 \%(4 \text { or } 5) \end{aligned}$ | You employed the method more frequently than those teaching classes of similar size and level of student motivation. |
| Explained course material clearly and concisely | 5 | $\begin{aligned} & 0 \%(1 \text { or } 2) \\ & 100 \% \text { ( } 4 \text { or } 5 \text { ) } \end{aligned}$ | You employed the method more frequently than those teaching classes of similar size and level of student motivation. |
| Introduced stimulating ideas about the subject | 4.6 | $\begin{aligned} & 0 \%(1 \text { or } 2) \\ & 100 \%(4 \text { or } 5) \end{aligned}$ | You employed the method more frequently than those teaching classes of similar size and level of student motivation. |
| Reflective and Integrative Learning | Your <br> Average | Students Rating | Suggested Action |
| Helped students to interpret subject matter from diverse perspectives (e.g., different cultures, religions, genders, political views) | 4.2 | $\begin{aligned} & 0 \%(1 \text { or } 2) \\ & 80 \%(4 \text { or } 5) \end{aligned}$ | You employed the method with frequency typical of those teaching classes of similar size and level of student motivation. |
| Encouraged students to reflect on and evaluate what they have learned | 4.6 | $0 \%$ (1 or 2) <br> 100\% (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 | 4.6 | $\begin{aligned} & 0 \%(1 \text { or } 2) \\ & 100 \%(4 \text { or } 5) \end{aligned}$ | 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 | 4.2 | $\begin{aligned} & 0 \%(1 \text { or } 2) \\ & 80 \%(4 \text { or } 5) \end{aligned}$ | You employed the method with frequency typical of those teaching classes of similar size and level of student motivation. |
| Collaborative Learning | Your <br> Average | Students Rating | Suggested Action |
| Asked students to share ideas and experiences with others whose backgrounds and viewpoints differ from their own | 3.4 | $\begin{aligned} & 20 \%(1 \text { or } 2) \\ & 60 \%(4 \text { or } 5) \end{aligned}$ | You employed the method less frequently than those teaching classes of similar size and level of student motivation. |
| Active Learning | 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) | 0\% (0) | 60\% (3) | 40\% (2) | 5 | 0 | 0.49 | 4.4 |
| Helped students to interpret subject matter from diverse perspectives (e.g., different cultures, religions, genders, political views) | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| 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) | 0\% (0) | 40\% (2) | 60\% (3) | 5 | 0 | 0.49 | 4.6 |
| Formed teams or groups to facilitate learning | 0\% (0) | 20\% (1) | 60\% (3) | 0\% (0) | 20\% (1) | 5 | 0 | 0.98 | 3.2 |
| Made it clear how each topic fit into the course | 0\% (0) | 0\% (0) | 0\% (0) | 20\% (1) | 80\% (4) | 5 | 0 | 0.4 | 4.8 |
| Provided meaningful feedback on students' academic performance | 0\% (0) | 0\% (0) | 0\% (0) | 40\% (2) | 60\% (3) | 5 | 0 | 0.49 | 4.6 |
| Stimulated students to intellectual effort beyond that required by most courses | 0\% (0) | 0\% (0) | 0\% (0) | 40\% (2) | 60\% (3) | 5 | 0 | 0.49 | 4.6 |
| Encouraged students to use multiple resources (e.g., Internet, library holdings, outside experts) to improve understanding | 0\% (0) | 20\% (1) | 20\% (1) | 40\% (2) | 20\% (1) | 5 | 0 | 1.02 | 3.6 |
| Explained course material clearly and concisely | 0\% (0) | 0\% (0) | 0\% (0) | 0\% (0) | 100\% (5) | 5 | 0 | 0 | 5 |


| 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) | 0\% (0) | 20\% (1) | 80\% (4) | 5 | 0 | 0.4 | 4.8 |
| Created opportunities for students to apply course content outside the classroom | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| Introduced stimulating ideas about the subject | 0\% (0) | 0\% (0) | 0\% (0) | 40\% (2) | 60\% (3) | 5 | 0 | 0.49 | 4.6 |
| Involved students in hands-on projects such as research, case studies, or real life activities | 0\% (0) | 0\% (0) | 60\% (3) | 20\% (1) | 20\% (1) | 5 | 0 | 0.8 | 3.6 |
| Inspired students to set and achieve goals which really challenged them | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| Asked students to share ideas and experiences with others whose backgrounds and viewpoints differ from their own | 20\% (1) | 0\% (0) | 20\% (1) | 40\% (2) | 20\% (1) | 5 | 0 | 1.36 | 3.4 |
| Asked students to help each other understand ideas or concepts | 0\% (0) | 0\% (0) | 20\% (1) | 20\% (1) | 60\% (3) | 5 | 0 | 0.8 | 4.4 |
| Gave projects, tests, or assignments that required original or creative thinking | 0\% (0) | 0\% (0) | 20\% (1) | 60\% (3) | 20\% (1) | 5 | 0 | 0.63 | 4 |
| 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 Apparent Progress | Slight Progress | Moderate Progress | Substantia I Progress | Exceptiona 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) | 0\% (0) | 40\% (2) | 60\% (3) | 5 | 0 | 0.49 | 4.6 |
| Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| Learning to apply course material (to improve thinking, problem solving, and decisions) | 0\% (0) | 0\% (0) | 0\% (0) | 60\% (3) | 40\% (2) | 5 | 0 | 0.49 | 4.4 |
| Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course | 0\% (0) | 0\% (0) | 0\% (0) | 60\% (3) | 40\% (2) | 5 | 0 | 0.49 | 4.4 |
| Acquiring skills in working with others as a member of a team | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| Developing creative capacities (inventing; designing; writing; performing in art, music, drama, etc.) | 20\% (1) | 0\% (0) | 20\% (1) | 40\% (2) | 20\% (1) | 5 | 0 | 1.36 | 3.4 |
| Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.) | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| Developing skill in expressing myself orally or in writing | 0\% (0) | 20\% (1) | 0\% (0) | 60\% (3) | 20\% (1) | 5 | 0 | 0.98 | 3.8 |
| Learning how to find, evaluate, and use resources to explore a topic in depth | 0\% (0) | 0\% (0) | 0\% (0) | 60\% (3) | 40\% (2) | 5 | 0 | 0.49 | 4.4 |
| Developing ethical reasoning and/or ethical decision making | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| Learning to analyze and critically evaluate ideas, arguments, and points of view | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| Learning to apply knowledge and skills to benefit others or serve the public good | 0\% (0) | 0\% (0) | 0\% (0) | 40\% (2) | 60\% (3) | 5 | 0 | 0.49 | 4.6 |
| Learning appropriate methods for collecting, analyzing, and interpreting numerical information | 0\% (0) | 0\% (0) | 0\% (0) | 20\% (1) | 80\% (4) | 5 | 0 | 0.4 | 4.8 |
| 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 More than Most Courses | N | DNA | SD | M |
| Amount of coursework | 0\% (0) | 0\% (0) | 80\% (4) | 20\% (1) | 0\% (0) | 5 | 0 | 0.4 | 3.2 |
| Difficulty of subject matter | 0\% (0) | 0\% (0) | 0\% (0) | 100\% (5) | 0\% (0) | 5 | 0 | 0 | 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) | 20\% (1) | 40\% (2) | 5 | 0 | 0.89 | 4 |
| I really wanted to take this course regardless of who taught it. | 0\% (0) | 0\% (0) | 20\% (1) | 40\% (2) | 40\% (2) | 5 | 0 | 0.75 | 4.2 |
| When this course began I believed I could master its content. | 20\% (1) | 0\% (0) | 40\% (2) | 0\% (0) | 40\% (2) | 5 | 0 | 1.5 | 3.4 |
| My background prepared me well for this course's requirements. | 0\% (0) | 20\% (1) | 0\% (0) | 40\% (2) | 40\% (2) | 5 | 0 | 1.1 | 4 |
| Overall, I rate this instructor an excellent teacher. | 0\% (0) | 0\% (0) | 0\% (0) | 20\% (1) | 80\% (4) | 5 | 0 | 0.4 | 4.8 |
| Overall, I rate this course as excellent. | 0\% (0) | 0\% (0) | 0\% (0) | 20\% (1) | 80\% (4) | 5 | 0 | 0.4 | 4.8 |

## Qualitative

## Comments

- It is helpful when you go over problems in class instead of just lecturing.
- The material can be difficult, however, Professor Ethan was always willing to answer any questions we had or rework a problem so we understood the content. I enjoyed the format of his exams and review sessions as it was less stressful than any other exam I have taken. He was more concerned about how we apply the content than pure memorization. Would definitely take this professor again!

