ECON 300 (ON1): Quantitative Methods in ECON
Spring Semester 2021 | Yixiao Jiang | Course CIP Code: 45.0601

## Summative



Your Average Scores 5 Point Scale


Your Overall Mean Ratings
5 Point Scale

| Ratings of Summative Questions | Raw | Adj. |
| :--- | :--- | :--- |
| D. Excellent Teacher | 4 | 4.1 |
| E. Excellent Course | 3.6 | 3.6 |

Your Overall Converted Ratings

| Ratings of Summative Questions | Raw | Adj. |
| :--- | :--- | :--- |
| D. Excellent Teacher | 45 | 46 |
| IDEA | 48 | 49 |
| Discipline | 45 | 47 |
| Institution | 40 | 40 |
| E. Excellent Course | 44 | 44 |
| IDEA | 40 | 41 |
| Discipline |  |  |
| Institution | 4 |  |


| Converted Average Buckets <br> Based on a Bell Curve |
| :--- |
| Much Lower Lower Similar <br> (Lowest 10\%) Higher <br> (Next 20\%) <br> (Niddle 40\%) <br> (Next 20\%) <br> $\mathbf{3 7}$ or Lower <br> $\mathbf{3 8 - 4 4}$ Much Higher <br> (Highest 10\%) <br> 45-55 <br> $\mathbf{5 6 - 6 2}$ or Higher    |

## Your Converted Average



|  | Import- <br> ance <br> Rating | Your Aver- <br> age (5 <br> Point <br> Scale) |  | \% of Stu- <br> dents <br> Rating |  | Your Converted Average |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  | IDEA |  | Discipline |  | Institution |  |
| Student Ratings of Learning on Relevant Objectives |  | Raw | Adj. |  |  | $\begin{aligned} & 1 \text { or } \\ & 2 \end{aligned}$ | $\begin{aligned} & 4 \text { or } \\ & 5 \end{aligned}$ | Raw | Adj. | Raw | Adj. | Raw | Adj. |
| Gaining a basic understanding of the subject (e.g., factual knowledge, methods, principles, generalizations, theories) | 1 | 3.4 | 3.4 | 22 | 56 | 35 | 35 | 41 | 41 | 36 | 37 |
| Developing knowledge and understanding of diverse perspectives, global awareness, or other cultures | M | 2.3 | 2.3 | 56 | 22 | 24 | 24 | 31 | 31 | 33 | 36 |
| Learning to apply course material (to improve thinking, problem solving, and decisions) | 1 | 3.3 | 3.3 | 22 | 44 | 35 | 35 | 40 | 40 | 37 | 40 |
| Developing specific skills, competencies, and points of view needed by professionals in the field most closely related to this course | 1 | 3.6 | 3.6 | 22 | 56 | 39 | 40 | 46 | 47 | 42 | 45 |
| Acquiring skills in working with others as a member of a team | M | 2.3 | 2.3 | 56 | 22 | 26 | 26 | 37 | 37 | 32 | 34 |
| Developing creative capacities (inventing; designing; writing; performing in art, music, drama, etc.) | M | 2.3 | 2.4 | 56 | 22 | 31 | 32 | 40 | 42 | 36 | 40 |
| Gaining a broader understanding and appreciation of intellectual/cultural activity (music, science, literature, etc.) | M | 2.2 | 2.2 | 56 | 22 | 25 | 25 | 37 | 38 | 30 | 33 |
| Developing skill in expressing myself orally or in writing | M | 2.2 | 2.2 | 56 | 22 | 23 | 23 | 35 | 35 | 29 | 32 |
| Learning how to find, evaluate, and use resources to explore a topic in depth | M | 3 | 3 | 44 | 33 | 33 | 34 | 40 | 41 | 39 | 42 |
| Developing ethical reasoning and/or ethical decision making | M | 2.7 | 2.7 | 56 | 33 | 31 | 31 | 39 | 39 | 41 | 44 |
| Learning to analyze and critically evaluate ideas, arguments, and points of view | M | 2.8 | 2.8 | 44 | 33 | 28 | 28 | 36 | 36 | 34 | 37 |
| Learning to apply knowledge and skills to benefit others or serve the public good | M | 2.9 | 2.9 | 33 | 33 | 32 | 32 | 39 | 42 | 41 | 45 |
| Learning appropriate methods for collecting, analyzing, and interpreting numerical information | M | 3.7 | 3.7 | 22 | 56 | 47 | 47 | 48 | 49 | 50 | 51 |


|  |  | Your Converted Average |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Course Description | Your <br> Average | IDEA | Discipline | Institution |
| Amount of coursework | 3.4 | 53 | 53 | 54 |
| Difficulty of subject matter | 4 | 62 | 56 | 62 |


|  |  | Your Converted Average |  |  |
| :--- | :--- | :--- | :--- | :--- |
| Student Description | Your <br> Average | IDEA | Discipline | Institution |
| As a rule, I put forth more effort <br> than other students on aca- <br> demic work. | 3.7 | 45 | 46 | 46 |
| I really wanted to take this <br> course regardless of who taught <br> it. | 3.8 | 51 | 52 | 52 |
| When this course began I be- <br> lieved I could master its content. | 3.2 | 31 | 38 | 34 |
| My background prepared me <br> well for this course's <br> requirements. | 3.4 | 44 | 49 | 44 |

## Formative

| Teaching Essentials | Your <br> Average | Students Rating | Suggested Action |
| :---: | :---: | :---: | :---: |
| Demonstrated the importance and significance of the subject matter | 3.9 | $\begin{aligned} & 11 \% \text { (1 or } 2) \\ & 67 \% \text { (4 or 5) } \end{aligned}$ | 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 | 4.1 | $\begin{aligned} & 11 \% \text { (1 or } 2) \\ & 78 \% \text { (4 or 5) } \end{aligned}$ | You employed the method less frequently than those teaching classes of similar size and level of student motivation. |
| Explained course material clearly and concisely | 3.7 | $\begin{aligned} & 11 \%(1 \text { or } 2) \\ & 67 \%(4 \text { or } 5) \end{aligned}$ | You employed the method less frequently than those teaching classes of similar size and level of student motivation. |
| Introduced stimulating ideas about the subject | 3.7 | $\begin{aligned} & 22 \% \text { (1 or } 2) \\ & 56 \%(4 \text { or } 5) \end{aligned}$ | 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 | 3.6 | $\begin{aligned} & 22 \%(1 \text { or } 2) \\ & 56 \%(4 \text { or } 5) \end{aligned}$ | 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 |
| :---: | :---: | :---: | :---: |
| Encouraged students to reflect on and evaluate what they have learned | 3.8 | $\begin{aligned} & 11 \%(1 \text { or } 2) \\ & 67 \%(4 \text { or } 5) \end{aligned}$ | 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 | 4 | $\begin{aligned} & 11 \%(1 \text { or } 2) \\ & 89 \% \text { ( } 4 \text { or } 5 \text { ) } \end{aligned}$ | You employed the method more frequently than those teaching classes of similar size and level of student motivation. |
| Related course material to real life situations | 4.1 | $\begin{aligned} & 0 \%(1 \text { or } 2) \\ & 78 \%(4 \text { or } 5) \end{aligned}$ | You employed the method with frequency typical of those teaching classes of similar size and level of student motivation. |
| Created opportunities for students to apply course content outside the classroom | 3.2 | $\begin{aligned} & 22 \%(1 \text { or } 2) \\ & 44 \%(4 \text { or } 5) \end{aligned}$ | 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 |
| Asked students to help each other understand ideas or concepts | 3.3 | $\begin{aligned} & 22 \%(1 \text { or } 2) \\ & 44 \% \text { ( } \text { or } 5 \text { ) } \end{aligned}$ | 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 |
| Involved students in hands-on projects such as research, case studies, or real life activities | 3 | $\begin{aligned} & 56 \%(1 \text { or } 2) \\ & 44 \% \text { (4 or } 5) \end{aligned}$ | You employed the method less frequently than those teaching classes of similar size and level of student motivation. |

## Quantitative

| Describe the frequency of your instructor's teaching procedures. <br> 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) | 33.33\% (3) | 44.44\% (4) | 22.22\% (2) | 9 | 0 | 0.74 | 3.89 |
| Helped students to interpret subject matter from diverse perspectives (e.g., different cultures, religions, genders, political views) | 22.22\% (2) | 0\% (0) | 44.44\% (4) | 22.22\% (2) | 11.11\% (1) | 9 | 0 | 1.25 | 3 |
| Encouraged students to reflect on and evaluate what they have learned | 0\% (0) | 11.11\% (1) | 22.22\% (2) | 44.44\% (4) | 22.22\% (2) | 9 | 0 | 0.92 | 3.78 |
| Demonstrated the importance and significance of the subject matter | 0\% (0) | 11.11\% (1) | 22.22\% (2) | 33.33\% (3) | 33.33\% (3) | 9 | 0 | 0.99 | 3.89 |
| Formed teams or groups to facilitate learning | 77.78\% (7) | 11.11\% (1) | 0\% (0) | 0\% (0) | 11.11\% (1) | 9 | 0 | 1.26 | 1.56 |
| Made it clear how each topic fit into the course | 0\% (0) | 11.11\% (1) | 11.11\% (1) | 33.33\% (3) | 44.44\% (4) | 9 | 0 | 0.99 | 4.11 |
| Provided meaningful feedback on students' academic performance | 11.11\% (1) | 0\% (0) | 11.11\% (1) | 33.33\% (3) | 44.44\% (4) | 9 | 0 | 1.25 | 4 |
| Stimulated students to intellectual effort beyond that required by most courses | 11.11\% (1) | 0\% (0) | 0\% (0) | 55.56\% (5) | 33.33\% (3) | 9 | 0 | 1.15 | 4 |
| Encouraged students to use multiple resources (e.g., Internet, library holdings, outside experts) to improve understanding | 11.11\% (1) | 33.33\% (3) | 22.22\% (2) | 11.11\% (1) | 22.22\% (2) | 9 | 0 | 1.33 | 3 |
| Explained course material clearly and concisely | 11.11\% (1) | 0\% (0) | 22.22\% (2) | 44.44\% (4) | 22.22\% (2) | 9 | 0 | 1.15 | 3.67 |
| Describe the frequency of your instructor's teaching procedures. <br> The Instructor: | Hardly Ever | Occasionally | Sometimes | Frequently | Almost Always | N | DNA | SD | M |
| Related course material to real life situations | 0\% (0) | 0\% (0) | 22.22\% (2) | 44.44\% (4) | 33.33\% (3) | 9 | 0 | 0.74 | 4.11 |
| Created opportunities for students to apply course content outside the classroom | 22.22\% (2) | 0\% (0) | 33.33\% (3) | 22.22\% (2) | 22.22\% (2) | 9 | 0 | 1.4 | 3.22 |
| Introduced stimulating ideas about the subject | 0\% (0) | 22.22\% (2) | 22.22\% (2) | 22.22\% (2) | 33.33\% (3) | 9 | 0 | 1.15 | 3.67 |
| Involved students in hands-on projects such as research, case studies, or real life activities | 22.22\% (2) | 33.33\% (3) | 0\% (0) | 11.11\% (1) | 33.33\% (3) | 9 | 0 | 1.63 | 3 |
| Inspired students to set and achieve goals which really challenged them | 11.11\% (1) | 11.11\% (1) | 22.22\% (2) | 22.22\% (2) | 33.33\% (3) | 9 | 0 | 1.34 | 3.56 |
| Asked students to share ideas and experiences with others whose backgrounds and viewpoints differ from their own | 44.44\% (4) | 11.11\% (1) | 22.22\% (2) | 11.11\% (1) | 11.11\% (1) | 9 | 0 | 1.41 | 2.33 |
| Asked students to help each other understand ideas or concepts | 11.11\% (1) | 11.11\% (1) | 33.33\% (3) | 22.22\% (2) | 22.22\% (2) | 9 | 0 | 1.25 | 3.33 |
| Gave projects, tests, or assignments that required original or creative thinking | 22.22\% (2) | 11.11\% (1) | 22.22\% (2) | 11.11\% (1) | 33.33\% (3) | 9 | 0 | 1.55 | 3.22 |
| Encouraged student-faculty interaction outside of class (e.g., office visits, phone calls, email) | 0\% (0) | 0\% (0) | 22.22\% (2) | 33.33\% (3) | 44.44\% (4) | 9 | 0 | 0.79 | 4.22 |



|  | Strongly <br> Agree | Agree | Neutral | Disagree | Strongly Disagree | N | DNA | SD | M |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| My technology skills were adequate for successfully completing this course. | 44.44\% (4) | 44.44\% (4) | 11.11\% (1) | 0\% (0) | 0\% (0) | 9 | 0 | - | - |
|  | Strongly <br> Agree | Agree | Neutral | Disagree | Strongly Disagree | N | DNA | SD | M |
| My personal technological resources were adequate for successfully completing this course. | 55.56\% (5) | 44.44\% (4) | 0\% (0) | 0\% (0) | 0\% (0) | 9 | 0 | - | - |

## Qualitative

## Comments -

- Dr. Jiang's command of the mathematical techniques in economics was apparent from the very first lecture. As he explained topics two or three ways to best suit the needs of the students, it was obvious his passion was in mathematical economics as well as in student success. By doing similar examples of every problem that was expected on the homework, if not doing the problem itself, every homework assignment made us students confident that we could merge the math behind the problem with the economic concepts presented. As a higher level economics course, the difficulty of the topic was certainly felt, but with Dr. Jiang's excellent lectures, generous class time spent on solving problems, and his willingness to meet students in office hours, the class was enjoyable.
- Dr. Jiang does a great job checking to make sure that students fully understand a concept before moving to the next topic. I like that he models how to solve a problem and then allows students to perform the computations themselves.
- Most lectures were difficult to comprehend.

