

Faculty of Science - Earth System Science (ESSC_UG)

Course and Teaching Evaluation Individual Report, 1st Term 2023-2024

| | | | | | | | | | |
|---|------------------------------|------------------------|------------------------------|-----------------------|---------------------------|-----------------------|--------------------------------|-------------------|--------------------|
| Course Code: ESSC3320 | Course Title: Hydrogeology | | | | | | Teacher: Professor TAN Yen Joe | | |
| Class Size: 13 | No. Returned: 17 | | | | | | Response Rate: 130.77% | | |
| a. Faculty Affiliation: | ART 0.00% (0) | BAS 0.00% (0) | EDU 0.00% (0) | ERG 5.88% (1) | LAW 0.00% (0) | MED 0.00% (0) | SCI 82.35% (14) | SSC 11.76% (2) | OTHER 0.00% (0) |
| b. Level | Undergraduate | 100.00% (17) | | | Postgraduate | 0.00% (0) | | Other | 0.00% (0) |
| c. Course Type | Major required 35.29% (6) | | Major elective 35.29% (6) | | Minor 23.53% (4) | Elective 5.88% (1) | U Core 0.00% (0) | N/A 0.00% (0) | |
| d. Perceived Primary Language Spoken in Class | English 100.00% (17) | Cantonese 0.00% (0) | Putonghua 0.00% (0) | Others 0.00% (0) | | | | | |
| Perceived Percentage of Usage of English | 51-60% 0.00% (0) | 61-70% 0.00% (0) | 71-80% 0.00% (0) | 81-90% 0.00% (0) | 91-100% 100.00% (17) | | | | |
| Perceived Supplementary Language Spoken (can select more than one) | English 0.00% (0) | Cantonese 17.65%(3) | Putonghua 5.88% (1) | Others 0.00% (0) | N/A 70.59% (12) | | | | |
| e. Time Spent on Course Outside Class (Hrs per week) | 0-2.0 13.33% (2) | 2.1-4.0 46.67% (7) | 4.1-8.0 40.00% (6) | 8.1-12.0 0.00% (0) | 12.0+ 0.00% (0) | N/A 0.00% (0) | | | |
| f. Grade Self-Expected | A 29.41% (5) | A- 17.65% (3) | B+ 23.53% (4) | B/B- 5.88% (1) | C+ or below 11.76% (2) | N/A 11.76% (2) | | | |

| | | | | | | | | | Strongly Disagree | Disagree | Slightly Disagree | Slightly Agree | Agree | Strongly Agree | Total | Invalid Answer | Mean by | | |
|----|--------------------------------|--------------|--------------|--------------|--------------|--------------|-------------------|-------------------|-------------------|-------------------|-------------------|----------------|----------------|---------------------|-------|----------------|---------|---------|-------------|
| | | Mean | | SD | Quartile | | Strongly Disagree | | Disagree | Slightly Disagree | Slightly Agree | Agree | Strongly Agree | Self-Expected grade | | | | | |
| | | Raw | Adjusted | | Q1 | Med. | Q3 | | 1 | 2 | 3 | 4 | 5 | 6 | | | | A/A- | B+/B/B- |
| 1 | Presentation is clear | 5.25 4.82 | 5.43 5.03 | 0.66 0.89 | 5.00 4.29 | 5.00 5.04 | 6.00 5.60 | % # | 0.00 0 | 0.00 0 | 0.00 0 | 12.50 2 | 50.00 8 | 37.50 6 | | | 5.43 | 5.40 | 5.00 |
| 2 | Examples relevant to learning | 5.31 4.88 | 5.43 5.09 | 0.58 0.92 | 5.00 4.28 | 5.00 5.03 | 6.00 5.58 | % # | 0.00 0 | 0.00 0 | 0.00 0 | 6.25 1 | 56.25 9 | 37.50 6 | 16 | 1 | 5.57 | 5.40 | 4.50 |
| 3 | Teacher was enthusiastic | 5.44 5.13 | 5.57 5.34 | 0.61 0.82 | 5.00 4.67 | 5.50 5.40 | 6.00 5.72 | % # | 0.00 0 | 0.00 0 | 0.00 0 | 6.25 1 | 43.75 7 | 50.00 8 | 16 | 1 | 5.57 | 5.40 | 5.50 |
| 4 | Class participation encouraged | 5.47 4.95 | 5.62 5.14 | 0.62 0.86 | 5.00 4.30 | 6.00 5.11 | 6.00 5.72 | % # | 0.00 0 | 0.00 0 | 0.00 0 | 6.67 1 | 40.00 6 | 53.33 8 | 15 | 2 | 5.57 | 5.40 | 6.00 |
| 5 | Communication was effective | 5.20 4.92 | 5.38 5.14 | 0.65 0.95 | 5.00 4.32 | 5.00 5.11 | 6.00 5.71 | % # | 0.00 0 | 0.00 0 | 0.00 0 | 13.33 2 | 53.33 8 | 33.33 5 | 15 | 2 | 5.43 | 5.25 | 5.00 |
| 6 | The course was interesting | 5.19 4.69 | 5.36 4.94 | 0.63 1.06 | 5.00 4.10 | 5.00 4.86 | 6.00 5.60 | % # | 0.00 0 | 0.00 0 | 0.00 0 | 12.50 2 | 56.25 9 | 31.25 5 | 16 | 1 | 5.43 | 5.40 | 4.50 |
| 7 | The course was stimulating | 5.20 4.71 | 5.38 4.95 | 0.65 1.02 | 5.00 4.22 | 5.00 4.70 | 6.00 5.58 | % # | 0.00 0 | 0.00 0 | 0.00 0 | 13.33 2 | 53.33 8 | 33.33 5 | 15 | 2 | 5.43 | 5.40 | 5.00 |
| 8 | Subject knowledge is enhanced | 5.25 4.96 | 5.50 5.19 | 0.83 0.94 | 5.00 4.39 | 5.00 5.05 | 6.00 5.74 | % # | 0.00 0 | 0.00 0 | 6.25 1 | 6.25 1 | 43.75 7 | 43.75 7 | 16 | 1 | 5.57 | 5.40 | 5.00 |
| 9 | The course was well-organized | 4.88 4.73 | 5.14 4.97 | 1.05 1.02 | 4.00 4.06 | 5.00 4.98 | 6.00 5.47 | % # | 0.00 0 | 6.25 1 | 0.00 0 | 25.00 4 | 37.50 6 | 31.25 5 | 16 | 1 | 5.29 | 5.20 | 3.00 |
| 10 | Clear learning outcomes | 4.75 4.79 | 5.14 5.05 | 1.35 1.04 | 4.00 4.20 | 5.00 4.98 | 6.00 5.52 | % # | 6.25 1 | 0.00 0 | 6.25 1 | 25.00 4 | 25.00 4 | 37.50 6 | 16 | 1 | 5.43 | 5.20 | 2.50 |
| 11 | Appropriate assessment method | 5.00 4.78 | 5.29 5.07 | 0.94 1.07 | 5.00 4.34 | 5.00 4.94 | 6.00 5.57 | % # | 0.00 0 | 0.00 0 | 12.50 2 | 6.25 1 | 50.00 8 | 31.25 5 | 16 | 1 | 5.29 | 5.20 | 5.50 |
| 12 | Appropriate workload amount | 4.94 4.65 | 5.14 4.94 | 0.83 1.14 | 4.25 3.95 | 5.00 4.90 | 5.75 5.51 | % # | 0.00 0 | 0.00 0 | 6.25 1 | 18.75 3 | 50.00 8 | 25.00 4 | 16 | 1 | 5.29 | 5.20 | 4.00 |
| | Amount of workload | | | | | | | | | | | Too Much | 100.00 | 1 | | | | | |
| | | | | | | | | | | | | Too Little | 0.00 | 0 | | | | | |
| 13 | Recommended readings useful | 4.50 4.59 | 4.89 4.81 | 1.43 1.15 | 3.75 3.56 | 5.00 4.81 | 5.25 5.60 | % # | 10.00 1 | 0.00 0 | 10.00 1 | 10.00 1 | 50.00 5 | 20.00 2 | 10 | 7 | 5.00 | 4.75 | 1.00 |
| 14 | Content difficulty appropriate | 4.94 4.50 | 5.14 4.72 | 0.83 1.04 | 4.25 3.77 | 5.00 4.67 | 5.75 5.29 | % # | 0.00 0 | 0.00 0 | 6.25 1 | 18.75 3 | 50.00 8 | 25.00 4 | 16 | 1 | 5.43 | 4.80 | 3.50 |
| | Content difficulty | | | | | | | | | | | Too High | 100.00 | 1 | | | | | |
| | | | | | | | | | | | | Too Low | 0.00 | 0 | | | | | |
| 15 | Supported by library resources | 4.40 4.48 | 4.78 4.68 | 1.74 1.17 | 2.75 3.38 | 5.00 4.33 | 6.00 5.04 | % # | 10.00 1 | 10.00 1 | 10.00 1 | 10.00 1 | 20.00 2 | 40.00 4 | 10 | 7 | 5.40 | 4.67 | 1.00 |
| 16 | Supported by IT resources | 4.88 4.46 | 5.43 4.72 | 1.76 1.28 | 3.50 3.21 | 6.00 4.45 | 6.00 5.11 | % # | 12.50 1 | 0.00 0 | 12.50 1 | 0.00 0 | 12.50 1 | 62.50 5 | 8 | 9 | 6.00 | 4.67 | 1.00 |
| 17 | Satisfaction with course | 5.06 4.81 | 5.29 5.07 | 0.90 1.00 | 4.25 4.14 | 5.00 5.11 | 6.00 5.58 | % # | 0.00 0 | 0.00 0 | 6.25 1 | 18.75 3 | 37.50 6 | 37.50 6 | 16 | 1 | 5.57 | 5.20 | 3.50 |
| 18 | Satisfaction with teacher | 5.25 4.97 | 5.43 5.20 | 0.66 0.93 | 5.00 4.35 | 5.00 5.07 | 6.00 5.70 | % # | 0.00 0 | 0.00 0 | 0.00 0 | 12.50 2 | 50.00 8 | 37.50 6 | 16 | 1 | 5.57 | 5.40 | 4.00 |
| | | Mean | | SD | Quartile | | | Strongly Disagree | Disagree | | | | | Strongly Agree | Total | Invalid Answer | Mean by | | |
| | | Raw | Adjusted | | Q1 | Med. | Q3 | | 1 | 2 | 3 | 4 | 5 | 6 | | | A/A- | B+/B/B- | C+ or below |
| a | enhanced understanding. | 5.00 4.71 | 5.50 4.90 | 1.10 1.00 | 4.00 2.44 | 5.00 3.04 | 6.00 3.68 | % # | 0.00 0 | 0.00 0 | 20.00 1 | 0.00 0 | 40.00 2 | 40.00 2 | 5 | 12 | 5.50 | 5.50 | 0.00 |
| b | app. online materials | 5.00 4.64 | 5.25 4.83 | 0.89 1.04 | 4.00 2.63 | 5.00 3.53 | 6.00 3.91 | % # | 0.00 0 | 0.00 0 | 0.00 0 | 40.00 2 | 20.00 1 | 40.00 2 | 5 | 12 | 5.50 | 5.00 | 0.00 |
| c | effective online interaction | 4.80 4.61 | 5.00 4.84 | 0.75 0.96 | 4.00 2.82 | 5.00 3.45 | 5.50 3.89 | % # | 0.00 0 | 0.00 0 | 0.00 0 | 40.00 2 | 40.00 2 | 20.00 1 | 5 | 12 | 5.50 | 4.50 | 0.00 |

Notes

1.

'Invalid answers' include (a) non-response and (b) selection more than one category. All other data are considered valid answers.

2.

For each numbered question, top row (not shaded) reports Course Statistics, bottom row (shaded) reports Departmental/Programme/School/College Statistics.

3.

Definitions: (a) Raw Mean: mean based on all valid answers (b) Adjusted Mean: Mean with bottom 10% valid answers removed; (c) SD: Standard Deviation; (d) Q1: 25th percentile; Med.: Median; Q3: 75th percentile; (e) #: number of respondents selecting the respective category; (f) %: percentage of # divided by number of valid answers; (g) Total: total number of valid answers; (h) Mean by Expected Grade: Raw mean based on responses of students expecting the corresponding grade.

4.

All statistics, except adjusted means, are compiled based on valid answers.

5.

Remark: This report is based on the data from shared teaching courses EESC3320 and ESSC3320. The original class size and number returned are 8 and 6 for EESC3320; 13 and 11 for ESSC3320.

| No. | d) Under the limitation of the currently adopted system, what are some good features of the online teaching of this course? 在現行系統的限制下，本科的網上教學有甚麼優點？ | e) Under the limitation of the currently adopted system, in what ways could the online teaching of this course be improved on? 在現行系統的限制下，本科的網上教學有甚麼能改善的地方？ | Comments on the Course : | Comments for the Teacher: (1) Professor TAN Yen Joe |
|-----|--|--|---|---|
| 1 | well structured with weekly quizzes | Lecture slides could have more key wording. Most slides only contained pictures and therefore found it difficult to understand what was being talked about/ what key information i needed to know. | - | - |
| 2 | | | | Enthusiastic about the subject and encouraged us to participate in class discussions. Was good at answering questions when asked |
| 3 | | | | Good! but speak little bit too fast |
| 4 | | | The work load is not small. Although I know the quiz can really help both students and teacher · the quiz still annoyed me. | A good professor. |
| 5 | | | The numerical model (bonus question for HW4) is slightly to difficult for those who do not have a strong background in python. Having small quizzes every week is much better than having a mid-term like other courses. | |
| 6 | | | Very great course which teaches a lot of useful techniques and information that will be very useful for my future studies and work. This also gives me an intermediate understanding of further geology. In general, good course. | Very impressive and great teacher. He tried his best at teaching. If we got something we don't understand, he will keep explaining until we understand. With his help in studying, I can much better understand the topics. |
| 7 | | | Interesting material | Very nice. The slides are clear. Very good |
| 8 | | | lower grading on the quizzes would be nice like 15% | |
| 9 | | | | The date for tutorial could be earlier. |
| 10 | | | Good teaching content | Nice teacher |
| 11 | | | too many hw and quiz, frequency should decrease | good |
| 12 | | | | |
| 13 | | | | |
| 14 | | | | |
| 15 | | | | |

| | | | | |
|----|--|--|--|--|
| 16 | | | | |
| 17 | | | | |

Remark: This report is based on the data from shared teaching courses EESC3320 and ESSC3320. The original class size and number returned are 8 and 6 for EESC3320; 13 and 11 for ESSC3320.