

ENGG S328F - Engineering Professional Practice (2021 Spring)

Case Study

General instruction:

Students are asked to do a case study on the contemporary issues in a team of two. They are required to present the result and write a report of their case studies. A list of topics will be given. Each team will choose a topic related to the contemporary issues and professional practice suggested by the examiner. The presentation order will be drawn randomly.

Assessment:

Marks allocation is shown below.

- Presentation activity 15% of overall course score
- Case study report 15% of overall course score

Oral presentation:

Each team will be giving a 20-min presentation of their topic to the class. Other students are asked to attend the presentation and participate in the 5-min Q&A session.

The suggested contents of the presentation are as follow.

1. Title Page
2. Introduction (background, literature review and organization of the presentation, etc)
3. Main Body (results, discussion, **contemporary issues**, etc)
4. Conclusion

The following criteria will be used to evaluate the presentation.

- Content 20%
- Organization 20%
- Language use 20%
- Delivery 20%
- Q & A 20%

Case study report:

The suggested contents of the report are as follow.

1. Title Page
2. Introduction (background, literature review and organization of the report, etc)
3. Main Body (results, discussion, **contemporary issues**, etc)
4. Conclusion
5. References
6. Appendix (if any)

The following criteria will be used to evaluate the report.

- Content 25%
- Organization 25%
- Writing Style 25%
- Presentation 25%

Requirement:

- Page requirement: 5 to 10 pages (excluding point 1, 5, and 6 on the suggested contents)
- Word requirement: about 1,500 to 3,000 words

General Formats:

- Use A4 size paper and leave 25mm for the left hand, right hand, top and bottom margin
- Font size for body text should be in 12 point.
- Number each sheet at the bottom.
- Headings should be used at the beginning of chapters, and wherever necessary elsewhere, to point the way or avoid confusion.
- Tables should be used to present information concisely.
- Graphs, drawing, diagrams and photographs should be referred to as figures: Figure 1.1, Figure 1.2 and so on.

Items to submit:

1. Soft copy of presentation slides in ppt, pptx, or pdf format.
(File name: **teamXX-teamName-slide.pptx**)
2. Soft copy of case study report in doc, docx, or pdf format.
(File name: **teamXX-teamName-report.docx**)

Note: - **XX** is your team number; **teamName** is your defined team name.
- File size must be **less than 10MB**.
- **DO NOT** send me a link to cloud storage.

Submission:

- Soft copy: email to thluk@ouhk.edu.hk
subject: ENGGS328F – teamXX teamName
(For example, ENGGS328F – team99 arSirIsHandsome)
- Deadline: two weeks after presentation

Schedule:

The presentation will be started in the week 7 (the end of March). The presentation will take place in the:

- Tuesday lecture (11:00 – 13:00, Zoom), and
- Thursday tutorial (09:00 – 11:00, C0G01 + Zoom).

Detail schedule will be announced later.

Presentation - marking scheme:

Content:

- 0 – 4: No or little touch of technical contents; inadequate discussion; no or inadequate literature review and **contemporary issues**
- 5 – 7: Some relevant technical contents; adequate discussion; some evidence of literature review and **contemporary issues**
- 8 – 10: Original and relevant technical contents; in-depth of discussion; comprehensive literature review and **contemporary issues**

Organization & Teamwork:

- 0 – 4: Disorganized materials; no introduction and conclusion; poor teamwork and coordination
- 5 – 7: Organized materials; good introduction and conclusion; satisfactory teamwork and coordination
- 8 – 10: Well-organized materials; powerful introduction and conclusion; good teamwork and coordination

Language use:

- 0 – 4: Informal vocabulary/phrases; ungrammatical; bad sentence structure; unclear pronunciation
- 5 – 7: Uses of academic words; quite grammatical; appropriate sentence structure; clear pronunciation
- 8 – 10: Effective uses of academic words; general grammatical; good sentence structure; good pronunciation

Delivery:

- 0 – 4: No eye contact; inappropriate manner; bad time management
- 5 – 7: Some eye contact; appropriate manner; satisfactory time management
- 8 – 10: Substantial eye contact; good manner; good time management

Q & A:

- 0 – 4: Poor responses; not understanding questions
- 5 – 7: Able to response; acceptable answer
- 8 – 10: Impressive response; answer with references and useful information

Report - marking scheme:

Content:

- 0 – 4: No or little touch of technical contents; inadequate discussion; no or inadequate literature review and **contemporary issues**
- 5 – 7: Some relevant technical contents; adequate discussion; some evidence of literature review and **contemporary issues**
- 8 – 10: Original and relevant technical contents; in-depth of discussion; comprehensive literature review and **contemporary issues**

Organization:

- 0 – 4: Disorganized materials; no table of contents; no page number
- 5 – 7: Organized materials; use of table of contents; use of page number
- 8 – 10: Well-organized materials; use of table of contents with reference to page number

Writing Style:

- 0 – 4: Informal vocabulary/phrases; ungrammatical; bad sentence structure
- 5 – 7: Uses of academic words; quite grammatical; appropriate sentence structure
- 8 – 10: Effective uses of academic words; general grammatical; good sentence structure

Presentation:

- 0 – 4: Poor presentation logistic; no use of tables/figures
- 5 – 7: Satisfactory presentation logistic; fairly use of tables/figures
- 8 – 10: Excellent presentation logistic; good use of tables/figures