**Seminar in Occupational Therapy**

**(I) – Critical Reviews**

**(III & above) – Thesis Progress Reports**

Fall 2020, Every Tuesday 3:10 ~ 5:00PM

Coordinator: Hui-ing Ma, ScD, OT Participating Faculty: All OT Faculty

Room: Medical College, Rm 304

**Course Schedule**

|  |  |  |  |
| --- | --- | --- | --- |
| Week | Date | 3:10~4:00  Topics (Presenter) | 4:10~5:00  Topics (Presenter) |
| 1 | 9/8 | Orientation | |
| 2 | 9/15 | Invited Speech:  A cognitive neuroscience approach to clinical research  台大職能治療學系 吳建德 助理教授 | |
| 3 | 9/22 |  |  |
| 4 | 9/29 |  |  |
| 5 | 10/6 |  |  |
| 6 | 10/13 |  |  |
| 7 | 10/20 |  |  |
| 8 | 10/27 |  |  |
| 9 | 11/3 |  |  |
| 10 | 11/10 | Midterm Evaluation | |
| 11 | 11/17 |  |  |
| 12 | 11/24 |  |  |
| 13 | 12/1 |  |  |
| 14 | 12/8 |  |  |
| 15 | 12/15 |  |  |
| 16 | 12/22 |  |  |
| 17 | 12/29 |  |  |
| 18 | 1/5 | Final Evaluation | |

**\*Please email all faculty members the syllabus when the presentation schedule is finalized.**

**\*Please notify the coordinator and the teacher in charge for your absence. Absence of one-hour class would lead to 1 point deducted from your final scores if you notify in advance, and 2 point if not.**

**\*To compensate for the class, you may hand in written report. The format of written report is decided by the teacher in charge. Depending on the quality of your report, the teacher will decide to give you back 0, 0.5, or 1.0 point.**

**Seminar 1 – Critical Review**

**Course Description**

This course provides a basic training on critique of research articles by asking students to critically analyze one to three journal articles and integrate the information as a preparation for writing literature review for their thesis proposal. In-class discussion is strongly emphasized to formulate an atmosphere of scholarly brainstorming.

**Course Objectives**

By the conclusion of the course, students will be able to…

1. be familiar with important sources and references on prevailing issues in OT,
2. possess the ability to read and criticize research articles in the field of OT,
3. demonstrate the ability to organize reading materials, and
4. master essential skills to give clear and efficient presentations.

**Course Requirements**

For the first presentation, the student is required to critically analyze one journal article. For the second presentation, the student is required to critically analyze one journal article with supplementary materials from another two key reference articles. The students are expected to present their materials for 25 to 30 min each time and provide a guideline to lead the discussion after the presentation. Each student is suggested to seek his/her advisor’s guidance for preparation, including the selection of appropriate articles. The articles critiqued can be relevant, but must be different. The critiqued journal articles must be distributed to each participant of this course at least one week before the presentation in order for a thorough review in advance.

Each MS1 student is required to hand in a critique paper after his/her presentation (Email to your advisor). The paper should follow the format attached on p. 5 and is due two weeks after the presentation. Ten points will be deducted from the total score each day after the deadline.

Each class member must preview the readings in order to arrive at class fully prepared to discuss the materials at hand. Each member is expected to actively provide feedback and his/her own critical thinking in every discussion (see Feedback Form).

\* Remember to put slide number in your PPT and keep the background white in your PPT handout.

\* Remember to email all faculty and students about the presentation topics in advance.

**Grading**

1. Oral presentation: I – 15%, II – 20%
2. Critique paper: I – 15%, II – 30%
3. Class participation: 20%

**Seminar III & above – Thesis Progress Reports**

**Course Description**

This course gives students an opportunity to present their thesis project and to get feedback from other students and faculty. Students in various stages of thesis project (e.g., developing proposal, collecting and analyzing data, writing up) will benefit from this course by presenting what they have accomplished, what they plan to do next, and what difficulties they encounter. Feedback from the audience will help the presenter to strengthen the rationale of their study design, statistical analysis, and results discussion.

**Course Objectives**

By the end of this course, students will be able to:

1. give a good presentation of their thesis project,
2. understand different types of research questions and appropriate research designs to address these questions, and
3. critique a study on its rationale, design, statistical analysis, and results discussion.

**Course Requirements**

1. MS2 (and above) students are required to attend all classes.
2. The students are expected to present their thesis progress in 25 to 30 min and should start with presenting the abstract in English. (Presentation in English is welcome!) It is suggested that MS2 students give brief introduction and explanation of the research design and statistics they use in their research.
3. Students have to turn in their paper two weeks after their presentation (Email to your advisor). An important section in the paper is what feedback they get from the audience during the presentation and how they address these comments.
4. Students have to actively participate in class discussion, and this performance will be graded.

**Course Grading**

1. Oral presentation: I and II, each for 20%
2. Written-up paper: I and II, each for 15%
3. Class participation: 30%

#### References

APA manual

Portney, L. G. (2020). Foundations of clinical research: Applications to evidence-based practice (4th ed.). Philadelphia: F. A. Davis.

## **Guidelines for Writing an Article Critique**

(Critique paper format)

1. Title page– This page must have the following:

* Citation of the article you are critiquing (authors’ names, year, article title, journal tile, journal volume, and page number)
* Your name and the date

2. The critiqued paper

* Introduction
  + Introduce the problem
  + Explore the importance of the problem
  + Discuss the relevant related literature
  + State hypotheses and their correspondence to research design
* Methods
  + Research design
  + Participants
  + Measures
  + Data analysis
* Results
* Inferences/conclusions

3. The Critique

* The strengths of the article: what makes this a good research project and why
* The weaknesses of the paper
* You may think about the following points…
  + Strength/weakness of the methodology
  + Does the research advance the field? Or is it merely a replication of work already done? If it advances the field, what new knowledge does it bring?
  + Clarity of data presentation (readability of graphs and tables).
  + Appropriate statistics (where the right analyses done)?
  + Are the appropriate conclusions drawn? (Are the authors too conservative and do not draw conclusions that are evident in their data? Are the authors too liberal and draw conclusions not supported by the data?)
  + Clarity of writing (e.g., grammar, sentence structure). These are minor problems but they should be mentioned if they significantly affect the paper.

4. Conclusions

* Use it to tie together all that you have written and to make final suggestions and/or criticisms on the article that you have critiqued.
* Pay close attention to the way(s) in which the article you critiqued fits into the larger literature that you reviewed in the beginning.

Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**(Please return this sheet to Dr. Hui-Ing Ma)**

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| --- | --- | --- |
| Student Name | 3:10-4:00 | 4:10-5:00 |
| 劉忞軒 |  |  |
| 林佳萱 |  |  |
| 張佳琳 |  |  |
| 陳采誼 |  |  |
| 賴又甄 |  |  |
| 王慕庭 |  |  |
| 蘇玟禎 |  |  |
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**Seminar II & IV Feedback Form (2019)**

**Presenter: Date:**

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| --- |
| Organization and logic appropriateness |
| Presentation skills (oral & PPT) |
| Time control |
| Ability to answer questions |
| Other comments or suggestions for the presenter’s report |

評分者：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Seminar II & IV Feedback Form (2019)**

**Presenter: Date:**

|  |
| --- |
| Organization and logic appropriateness |
| Presentation skills (oral & PPT) |
| Time control |
| Ability to answer questions |
| Other comments or suggestions for the presenter’s report |

評分者：\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_