



Research Methods

COURSE SYLLABUS

GRADE LEVEL: 11

SCHOOL YEAR: 2023-2024

TEACHER: MS. JENNY PAN

EMAIL: jpan@dishs.tp.edu.tw

COURSE DESCRIPTION:

The research method course introduces academic research and the research writing process, aiming to equip students with the essential knowledge and skills to conduct effective research and engage in critical thinking. Students will explore aspects of conducting meaningful and evidence-based investigation across different academic disciplines. Additionally, students will learn to write a formal outline, as well as the subsections of a research paper: the introduction, literature review and methodology. They will also learn how to revise their papers, provide meaningful peer feedback, and use APA style to format, quote, cite research, and generate a list of references. By the end of the course, students will have acquired the necessary expertise to conduct reliable and effective research.

COURSE OBJECTIVES:

In this course, students will learn how to:

- find sources and evaluate their credibility
- properly paraphrase and quote sources
- write an annotated bibliography
- develop and refine a thesis statement
- summarize and respond to counterarguments
- write a formal outline
- write the introduction, body and conclusion sections of a research paper
- use APA style to format, quote, cite research and write a reference section

ASSESSMENT:

Throughout the course, various forms of assessments are used. There will be seat work, quizzes, written assignments, in class discussions, projects/presentations and a quarterly exam.

The quarterly grade will be awarded for all student work based on the following criteria:

- Homework, classwork, projects, discussions and other assignments - 30% of quarterly grade
- Quizzes and tests - 30% of quarterly grade

- Quarterly Exams - 30% of quarterly grade
- Student conduct makes up 10% of the overall grade
- All assignments **must be turned in** on the day they are due. **Penalties for late work are the following:**
 - 1 day late = Minus 5%
 - 2 days late = Minus 10%
 - 3 days late = Minus 20%
 - 4 days late = Minus 60%
 - 5 days late or over = Project-I & Only 60%

PRIMARY TEXTBOOK & OTHER RESOURCES

The Process of Research Writing (2007) Steven D. Krause, Eastern Michigan University

<http://www.stevendkrause.com/tprw/>

https://owl.purdue.edu/writinglab/the_writing_lab_at_purdue.html

Instructor's handouts

ADDITIONAL INFORMATION:

Please see Google Classroom for more information.

Academic Dishonesty means employing a method or technique or engaging in conduct in an academic endeavor that contravenes the standards of ethical integrity expected at DIS.

Academic dishonesty includes but is not limited to, the following:

1. Purposely incorporating the ideas, words of sentences, paragraphs, or parts thereof without appropriate acknowledgment and representing the product as one's own work; and
2. Representing another's intellectual work such as photographs, paintings, drawings, sculpture, or research or the like as one's own, including failure to attribute content to an AI.
3. Employing a tutor, making use of Artificial Intelligence without acknowledgement, getting a parent to write a paper or do an assignment, paying for an essay to be written by someone else and presented as the student's own work.
4. Committing any act that a reasonable person would conclude, when informed of the evidence, to be a dishonest means of obtaining or attempting to obtain credit for academic work.

Any act of academic dishonesty will result in an automatic zero on the entire assignment

1st QUARTER – TENTATIVE COURSE CONTENT

<i>(NB: Depending on time and interest, the teacher may delete and/or add other selections.)</i>	
Week / Date	Topic / Projects / Assessments
Week 1 Aug 10th to 11th <u>Only 2 School Days</u> <i>10 ~ First Day / Orientation Day</i>	Introduction to Research Methods -What is “Research” ? - An overview of different types of research: qualitative, quantitative, mixed methods - Understanding the research process
Week 2 Aug 14th to 18th <i>15 ~ Opening Mass</i>	Formulating research questions -Defining clear and focused research questions Primary versus Secondary Research - How to locate scholarly sources - How to search for Peer-reviewed journal articles - Scholarly versus Non-Scholarly Sources - Evaluating the Quality and Credibility of Your Research
Week 3 Aug 21st to 25th	Exploring various research designs - Experimental, descriptive, case study - Selecting the appropriate research design based on the research question
Week 4 Aug 28th to Sep 1st	<ul style="list-style-type: none"> • How to Summarize • How to Quote and Paraphrase How to Avoid Plagiarism in the Research Process <ul style="list-style-type: none"> • Plagiarism and the Internet
Week 5 Sep 4th to 8th <i>8 ~ Holy Mass & VIP Induction</i>	<ul style="list-style-type: none"> • When to Quote, When to Paraphrase • APA Style Citations and References Review • Finding resources for your research paper
Week 6 Sep 11th to 15th <i>12-14 ~ Pre-Exam Days</i>	<ul style="list-style-type: none"> • Annotated Bibliography <ul style="list-style-type: none"> - What is an annotated bibliography? - The process of writing an annotated bibliography
Week 7 Sep 18th to 22nd	<ul style="list-style-type: none"> • Creating an annotated bibliography • Planning and developing a research project • Structuring the introduction chapter
Week 8 Sep 25th to 29th <u>No Classes</u> <i>25-28 ~Teacher’s Conference 29 ~ Moon Festival Holiday</i>	<i>Teacher’s Conference (no classes)</i>
Week 9 Oct 2nd to 6th <u>3 Days of Class</u> <i>5-6 ~Q1 Exams</i>	EXAM PREPARATION AND EXAM

2nd QUARTER – TENTATIVE COURSE CONTENT

<i>(NB: Depending on time and interest, the teacher may delete and/or add other selections.)</i>	
Week / Date	Topic / Projects / Assessments
Week 1 (10) Oct 9th to 13th 3 Days of Class <i>9-10 – Double 10 Holiday</i>	Writing the Introduction Chapter - Components of an effective introduction
Week 2 (11) Oct 16th to 20th	Writing the Introduction Chapter - Drafting the introduction
Week 3 (12) Oct 23rd to 27th	Writing the Introduction Chapter - Drafting the introduction
Week 4 (13) Oct 30th to Nov 3rd <i>1-All Saint's Day Mass</i>	How to Write a Literature Review - What is the purpose of the literature review chapter? - How to assemble the information: analysis and synthesis
Week 5 (14) Nov 6th to 10th	Literature Review: Plan - Writing an outline for a literature review
Week 6 (15) Nov 13th to 17th	Literature Review: The Writing Process - Using an annotated bibliography - Analyze and synthesize scholarly literature
Week 7 (16) Nov 20th to 24th	Data collection Methods - Qualitative data
Week 8 (17) Nov 27th to Dec 1st	Data collection Methods - Quantitative data
Week 9 (18) Dec 4th to 8th <i>8 - Foundation Day Celebrations</i>	Data Analysis and Interpretation - Introduction to data analysis techniques
Week 10 (19) Dec 11th to 15th 3 Days of Class <i>14-15 ~Q2 Exams</i>	Data Analysis - How to analyze qualitative / quantitative data
Dec 19th to Jan 2nd	Christmas Holiday

3rd QUARTER – TENTATIVE COURSE CONTENT

(NB: Depending on time and interest, the teacher may delete and/or add other selections.)	
Week / Date	Topic / Projects / Assessments
Week 1 (20) Jan 3rd to 5th 3 Days of Class <i>4 ~ New Year Mass</i>	Review of Q2 exam and overview of Q3 Overview of Result and Discussion Chapters
Week 2 (21) Jan 8th to 12th	Structure of findings and discussion chapters
Week 3 (22) Jan 15th to 19th	Writing the conclusion section: models and practice
Week 4 (23) Jan 22nd to 26th	Presentation Skills - Selecting and structuring content for clarity and coherence
Week 5 (24) Jan 29th to Feb 2nd	Presentation Skills - Visuals in presentations
Week 6 (25) Feb 5th to 9th 3 Days of Class <i>8-9 ~ CNY</i>	Presentation Skills - Delivery techniques
Feb 8th to 16th	CNY Holiday
Week 7 (26) Feb 19th to 23rd <i>19 ~ Lenten Mass</i> <i>21-23 ~ Pre-Exam Days</i>	Presentation Skills - Techniques for capturing and maintaining audience attention - Handling questions and engaging in Q&A sessions
Week 8 (27) Feb 26th to March 1st 4 Days of Class <i>28 ~ 228 Memorial Day Holiday</i>	Final Presentation Preparation Revision and proofreading workshop
Week 9 (28) March 4th to 8th 4 Days of Class <i>8 ~ Q3 Exams</i>	Exam Preparation & Exam

4th QUARTER – TENTATIVE COURSE CONTENT

(NB: Depending on time and interest, the teacher may delete and/or add other selections.)	
Week / Date	Topic / Projects / Assessments
Week 1 (29) March 11th to 15th <u>4 Days of Class</u> <i>11 – Q3 Exams</i> <i>12~ Q4 Begins</i>	Overview of Q4 Presentation Preparation Revision and proofreading of chapter 1-3
Week 2 (30) March 18th to 22nd <i>18-21 ~ Fire Drill</i>	Presentation Preparation Revision and proofreading of chapter 1-3
March 25th to Apr 5th	Easter Holiday
Week 3 (31) Apr 8th to 12th <i>10 ~ Easter Mass</i>	Revision and proofreading of chapters 1-3 Assessment: Final draft of chapters 1-3
Week 4 (33) Apr 15th to 19th	Final Research Presentations & Peer Feedback
Week 5 (34) Apr 22th to 26th <i>22-26 ~ AP Mock Exams</i>	Final Research Presentations & Peer Feedback
Week 6 (35) Apr 29th to May 3rd <i>1-2 ~ Pre-Exam</i> <i>1-10~ Final Exams (K, 5, 8, 12 only)</i> <i>4/29 – 5/10 ~ AP Exams</i>	Final Research Presentations & Peer Feedback
Week 7 (36) May 6th to 10th <i>1-10~ Final Exams (K, 5, 8, 12 only)</i> <i>4/29 – 5/10 ~ AP Exams</i>	Final Research Presentations & Peer Feedback
Week 8 (37) May 13th to 17th <u>2 Days of Class</u> <i>15-16 ~ Q4 Exams</i> <i>17 ~ Record Day</i>	Review for Q4 exam Q4 exam
Week 9 (38) May 20th to 24th <u>ACTIVITIES:</u> Double check the school calendar and emails from the administration.	Record Day ----- <i>20-24 ~ Student Clearance Days</i> <i>21 ~ Baccalaureate Mass for Graduating classes</i> <i>22 & 23 ~ Middle & High School Sports Day</i> <i>23 ~ Pre-Kindergarten & Gr. 1 - 4 Recognition/Kindergarten Graduation/Gr. 5 Promotion</i> <i>24 ~ Gr. 6 – 7 Recognition and Gr. 8 Graduation</i> <i>24 ~ Lower School Sports Day</i>
Week 10 (39) May 27th to 31st <u>ACTIVITIES:</u> Double check the school calendar and emails from the administration.	----- <i>27 ~ House Culminating Activity</i> <i>28 ~ Gr. 9-11 Recognition and Gr. 12 Graduation</i> <i>29 ~ Class Party</i> <i>30 ~ Last Day of School & Report Card Distribution (half day)</i> <i>31 ~ Teachers/Staff Meeting</i>