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| Course Title | Research Methods 1: Data Collection | Instructor(s) | Dr. Futoshi Kobayashi |
| | | E-mail | fkobayas@miu.ac.jp |
| Class Style | Lecture & Active Learning | Office Hours | Monday & Wednesday 10:45 - 12:15 |
| Track | Liberal Arts | Mode of Instruction | Solo |
| Credits | 3 | Allocated Year | 3rd or 4th year, Spring Semester |
| Active Learning | 1-(3) Written Paraphrases & Summaries 4-(7) Oral Paraphrases & Summaries 4-(9) Group Work on Questions | Compulsory or Elective | Elective |
| Course Overview | This course introduces students to research methods in the social sciences. The emphasis is on collecting data and recognizing the types of data gathered in the social sciences. Basic concepts of scientific research are also introduced. Students in psychology and other majors will pursue research related to their disciplinary interests within the general framework of research methodologies common to all the social sciences. | | |
| Course Objectives | <p>Upon completion of this course students should be able to:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Understand basic concepts of the scientific approach. <input type="checkbox"/> Understand the importance of ethics in psychological research. <input type="checkbox"/> Generate testable statements. <input type="checkbox"/> Explain the concepts of reliability and validity. <input type="checkbox"/> Understand and use basic experimental methods in psychology. <input type="checkbox"/> Understand and use basic psychology descriptive methods. | | |
| Prerequisite | None | | |
| Course Schedule | No | Contents | Homework |
| | 1 | Course Introduction & Chapter 1: The Science of Psychology (1) | Read Ch. 1 Text. |
| | 2 | Watch Class 1 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 3 | Chapter 1: The Science of Psychology (2) | Read Ch.2 Text and answer Ch.2 Text Questions. |
| | 4 | Watch Class 3 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 5 | Chapter 2: Getting Started in Research (1) | Finish Ch. 2 Mean and Standard Deviation Activity. |
| | 6 | Watch Class 5 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 7 | Chapter 2: Getting Started in Research (2) | Finish Ch. 2 Correlation Activity 1. |
| | 8 | Watch Class 7 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 9 | Chapter 2: Getting Started in Research (3) & Chapter 3: Experimental Research (1) | Study Ch. 1&2 Test Preparation Guide |
| | 10 | Watch Class 9 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| 11 | Ch. 1&2 Test & Chapter 3: Experimental Research (2) | Finish Chapter 3 IV and DV activity. | |

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| | 12 | Watch Class 11 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 13 | Chapter 4: Theory in Psychology (1) | Finish Chapter 4 Information Processing Model (Video, 7.5 min.) Activity. |
| | 14 | Watch Class 13 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 15 | Chapter 4: Theory in Psychology (2) & Chapter 5: Psychological Measurement (1) | Finish Ch. 5 Text Questions. Study Ch. 3&4 Test Preparation Guide. |
| | 16 | Watch Class 15 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 17 | Ch. 3&4 Test & Chapter 5: Psychological Measurement (2) | Finish Ch. 5 Reliability and Validity Activity. |
| | 18 | Watch Class 17 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 19 | Chapter 6: Survey Research (1) | Finish Ch. 6 Text Questions. |
| | 20 | Watch Class 19 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 21 | Chapter 6: Survey Research (2) & Chapter 7: Correlational Research, Observational Research, and Archival Research (1) | Finish Ch. 7 Text Questions. Study Ch. 5&6 Test Preparation Guide |
| | 22 | Watch Class 21 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 23 | Ch. 5&6 Test & Chapter 7: Correlational Research, Observational Research, and Archival Research (2) & Chapter 8: Single-Subject Research (1) | Finish Ch. 8 Text Questions. |
| | 24 | Watch Class 23 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 25 | Chapter 7: Correlational Research, Observational Research, and Archival Research (3), Chapter 8: Single-Subject Research (2) & Chapter 9: Research Ethics (1) | Finish Ch. 9 Text Questions. |
| | 26 | Watch Class 25 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 27 | Chapter 9: Research Ethics (2) | Study Ch. 7&8 Test Preparation Guide |
| | 28 | Watch Class 27 Extra Videos and send your reports via email. | You must send the Video Report via email. |
| | 29 | Ch. 7&8 Test & Group Presentation Preparations | Prepare for Your Final Exam |
| | 30 | Prepare for Your Final Exam | |
| | | Final Exam (Ch. 9 Test & Group Presentations) | |
| Grading | Grade Ch. 1&2 Test: 18% Ch. 3&4 Test: 18% Ch. 5&6 Test: 18% Ch. 7&8 Test: 18% Ch. 9 Test: 9% Group Presentation: 19% | | |

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| | <p>For each even-numbered class (except Class 30), you can find some assigned videos in Moodle (one video for each class). You must watch them and send me your report about the video <u>within that day</u>. Your video report must contain the video title, the summary, what you learned from the video, and any other comments you may have. Late submission means half credit. If you fail to submit such a report, 3% will be deducted from your grade for each report.</p> <p>The final grade will be determined as below.</p> <p>A: 90-100 points B: 80-89 points C: 70-79 points D: 60-69 points F: Less than 60 points</p> <p>Plagiarism Students must submit their own work and not copy from other sources, unless they credit their sources with appropriate referencing. Students caught copying information from other sources and pretending that it is their own work will automatically result in a grade of 'F' or withdrawal from the course.</p> |
| Textbooks | Instead of using a standard textbook, handouts will be given in class. |
| References | None |
| NOTES | <p>You are expected to be punctual and to attend all lessons. A delay or early departure will be counted as a one-third day absence. A "delay" means an arrival to the class after the instructor calls rolls. However, any absence, delay, or early departure can be excused if an official document (e.g., doctor's notes) is submitted to your instructor <u>within 7 days</u> of such an occurrence. When you miss a lesson, it is your responsibility to see your instructor afterwards (and perhaps other students who attended the lesson), to find out how to catch up with the work you missed. If you expect to be absent from a forthcoming lesson, you should email your instructor to explain your absence at least one day in advance. The schedule, policies, and procedures in this course are subject to change due to the class progress, weather conditions (e.g., typhoons), etc., and at the discretion of the instructor.</p> <p>A maximum of three (3.0) absences is allowed. More than three absences will automatically result in a grade of F (Fail).</p> |