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| Course Title | Research Methods 1: Data Collection | Instructor(s) | Dr. Paul Richards |
| E-mail | prichards@sky.miyazaki-mic.ac.jp |
| Class Style | Lecture & Active Learning | Office Hours | Office: 1-330 Wednesdays 14:15 - 17:15(Or by appointment) |
| Track | Liberal Arts | Mode of Instruction | Solo |
| Credits | 3 | Allocated Year | 3rd or 4th year, Spring Semester |
| Active Learning | 1-(3) Written Paraphrases & Summaries4-(7) Oral Paraphrases & Summaries4-(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 | Upon completion of this course students should be able to:Understand basic concepts of the scientific approach.Understand the importance of ethics in psychological research.Generate testable statements.Explain the concepts of reliability and validity.Understand and use basic psychology experimental methods.Understand and use basic psychology descriptive methods. |
| Prerequisite | None |
| **Course** **Schedule** | No | Contents | Homework |
| 1 | Introduction |  |
| 2 | Chapter 1: The Science of Psychology (1) |  |
| 3 | Chapter 1: The Science of Psychology (2) |  |
| 4 | Chapter 1: The Science of Psychology (3) |  |
| 5 | Chapter 1: The Science of Psychology (4), Chapter 2: Getting Started in Research (1) & Library Tour | Finish CH 2 text questions. |
| 6 | Chapter 2: Getting Started in Research (1) | Finish Ch. 2 Mean and Standard Deviation Activity. |
| 7 | Chapter 2: Getting Started in Research (2) | Finish Ch. 2 Correlation Activity 1. |
| 8 | Chapter 2: Getting Started in Research (3)  | Prepare for Ch. 1&2 Test. |
| 9 | Chapter 3: Experimental Research (1) | Finish CH 3 text questions. |
| 10 | Chapter 3: Experimental Research (2) | Finish CH 3 IV and DV activity. |
| 11 | Chapter 3: Experimental Research (3) & Chapter 4: Theory in Psychology (1) | Finish CH 4 Information Processing Model (Video, 7.5 min.) Activity. |
| 12 | Chapter 4: Theory in Psychology (2) |  |
| 13 | Chapter 4: Theory in Psychology (3) |  |
| 14 | Chapter 4: Theory in Psychology (4) | Prepare for Ch. 3&4 Test. |
| 15 | Chapter 5: Psychological Measurement (1) | Finish CH 5 text questions. |
| 16 | Chapter 5: Psychological Measurement (2) |  |
| 17 | Chapter 5: Psychological Measurement (3) |  |
| 18 | Chapter 5: Psychological Measurement (4) |  |
| 19 | Chapter 6: Survey Research (1) | For next class, you must bring your PC that has the Excel program. |
| 20 | Chapter 6: Survey Research (2) | For next class, you must bring your PC again. |
| 21 | Chapter 6: Survey Research (3)  |  |
| 22 | Chapter 7: Correlational Research, Observational Research, and Archival Research (1) | Prepare for Ch. 5&6 Test. |
| 23 | Chapter 7: Correlational Research, Observational Research, and Archival Research (2) |  |
| 24 | Chapter 7: Correlational Research, Observational Research, and Archival Research (3) & Chapter 8: Single-Subject Research (1) | Finish Single-Subject Research Exercise: Café Exercise. |
| 25 | Chapter 8: Single-Subject Research (2) & Chapter 9: Research Ethics (1) |  |
| 26 | Chapter 9: Research Ethics (2) & Chapter 10: Learning about APA Style (1)　 | Prepare for Ch. 7&8 Test. |
| 27 | Chapter 10: Learning about APA Style (2) | Read Research Proposal Example. |
| 28 | Chapter 10: Learning about APA Style (3) & How to Prepare Your Research Proposal (1) | Prepare for Ch. 9 Test. |
| 29 | How to Prepare Your Research Proposal (2) | Work on your research proposal. |
| 30 | How to Prepare Your Research Proposal (3) | Work on your research proposal. |
|  | Final Exam |  |
| Grading | GradeCh. 1&2 Test: 16%Ch. 3&4 Test: 16%Ch. 5&6 Test: 16%Ch. 7&8 Test: 16%Ch. 9 Test: 8%Research Proposal: 28%The final grade will be determined as below.A: 90-100 pointsB: 80-89 pointsC: 70-79 pointsD: 60-69 pointsF: Less than 60 pointsPlagiarismPlagiarism is not acceptable at MIC. 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. |
| Textbooks | Instead of using a standard textbook, handouts will be given in class. |
| References | None |
| NOTES | You are expected to be punctual and to attend all lessons. A delay or early departure will be counted as a half (0.5) 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 within 7 days 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.**A maximum of five and a half (5.5) absences is allowed. The sixth absence will automatically result in a grade of F (Fail).** |