



**ONLINE COURSE SYLLABUS**  
**EM200 Methods of Research**  
**1<sup>st</sup> SEMESTER 2020-2021**

**RSU VISION**

Romblon State University as a premier institution of higher education in the MIMAROPA region for a globally competitive Province of Romblon.

**RSU MISSION**

The Romblon State University is committed to:

- 1) Provide advanced education, higher technological and professional instruction.
- 2) Provide training in agriculture and fishery, for science and technology, education, arts, agriculture, and other relevant fields of study.
- 3) Undertake research and extension services.
- 4) Provide progressive leadership in its areas of specialization.

**COURSE INFORMATION:**

*Course Code:* EM200

*Course Title:* Methods of Research

*Course Description:* *This online course covers the basic stages and processes to undertake a research study, particularly in writing up a research paper proposal or a masteral (postgraduate) thesis proposal. It includes the basic concepts, principles, procedures and methods of a research and thesis writing, as well as the content and structure of a thesis proposal.*

*Credit Units* 3 units

*Lecture hours* 3

*Laboratory hours* 0

*Pre-requisite* None



## COURSE OUTLINE

| Week | Topic  | Teaching-Learning Activities   | Assessment Technique   |
|------|--|--|--|
| 1    | Online Orientation and Introduction of ARAL:<br>Course Outline and Syllabus<br>Class Policies and Requirements<br>Meaning and Characteristics of Research<br>Importance/Relevance of Conducting a Research<br>Coverage of the Masteral Thesis (Contents/Chapters)<br>Ethical Issues in the Conduct of Research | Posting of learning materials (handouts) and other multi-media resources<br><b>Familiarization of ARAL website</b><br><a href="http://www.aral.cloud:8000">http://www.aral.cloud:8000</a> and other available online learning sites such as <a href="http://www.rsucivilengineering.weebly.com">www.rsucivilengineering.weebly.com</a><br><b>Google Classroom</b><br><a href="https://classroom.google.com/u/3/c/MTU1NjU3MzM1ODc0">https://classroom.google.com/u/3/c/MTU1NjU3MzM1ODc0</a><br><b>Google Classroom Code: q6rdnma</b><br><b>Note: The weebly website will augment the ARAL website</b><br>Guidelines for Weekly Assignments<br>Individual Participation on the online forum/discussion<br>Weekly Required Readings | Homework/ Assignment   |
| 2    | Components of the Research Process<br>Research Problem and Objectives<br>Theoretical and Conceptual Frameworks   | Handouts<br>Required Readings<br>Individual Participation in the Online/Forum  | Homework/ Assignment/ Individual Outputs                                 |
| 3    | Review of Related Literature<br>APA Citation and Referencing<br>Research Instrument and Design<br>Data Collection, Sampling, Data<br>Processing and Statistical Analysis, and Data Interpretation  | Handouts<br>Journal Article/Abstract Critiquing<br>Required Readings<br>Individual Online Participation/Forum  | Homework/ Assignment/ Individual Outputs                                 |
| 4    | Research Proposal/Thesis Proposal Writing  | Review of previous topics; Feedbacks on Assignment and Individual Work outputs<br>Writing Up of Chapter 2: Review of Related Literature  | Homework/ Assignment and Progress Report<br>Progress Report of Chapter 2 |



|     |   |  |   |
|-----|---|--|---|
|     |   | Individual Online Participation/Forum  |   |
| 5-6 | Finalization of Chapter 2: Review of Related Literature<br><br>Writing-up of Chapter 1: Introduction and Chapter 3: Research Methodology (Optional) | Online Consultation and Revision of the Proposal<br><br>Individual Online Participation/Forum and Individual Work Outputs<br><br>Online submission of the Video Presentation | Progress Report<br><br>Video Research Proposal Presentation |

### COURSE REQUIREMENTS

1. Online participation/forum/discussion
2. Homework/Assignments/Quizzes
3. Research Proposals (Chapters 1, 2, and Chapter 3 (optional))
4. Research Proposal Presentation (video presentation or online group meet-up)

### COURSE POLICIES (additional guidelines on online learning and assessment will be posted in ARAL)

- Student outputs such as assignments, research proposals and other required online activities must be submitted on time thru ARAL website or other prescribed online platforms. Late submission will be accepted but with point deduction.
- It is expected that all students will visit the ARAL website and other prescribed online learning sites on a regular basis. Handouts should be downloaded per week and assignments will be submitted online on the date specified. Point deduction for late submission.
- **Plagiarism is not tolerated in the preparation of written reports, thus proper APA (American Psychological Association) citation and referencing are necessary.**

### STUDENTS WITH SPECIAL NEEDS AND OTHER ONLINE REQUIREMENTS

Students who have any disability and other personal online requirements/difficulties that might affect their performance in the online classes are encouraged to speak with the instructor on the weekly basis to address their needs.

### COURSE GRADING SYSTEM

Grading will be as follows:

|                                 |     |
|---------------------------------|-----|
| Online Participation/Attendance | 20% |
| Homework/Assignment             | 15% |
| Quiz/Examination                | 10% |



|   |     |
|---|-----|
| Research Proposal (Chapters 1, 2 and 3) | 40% |
| Research Proposal Video Presentation    | 15% |

### Grades Equivalent

| <i>Rating</i> | <i>Grade</i> |
|---------------|--------------|
| 96 - 100      | 1.00         |
| 91 - 95       | 1.25         |
| 86 - 90       | 1.50         |
| 81 - 85       | 1.75         |
| 76 - 80       | 2.00         |
| 71 - 75       | 2.25         |
| 66 - 70       | 2.50         |
| 61 - 65       | 2.75         |
| 60            | 3.00         |
| Conditional   | 4.00         |
| Below 60      | 5.00         |

CONDITIONAL is not a grade. It is given to students that lacks necessary requirements and therefore, must be accomplished before the end of that semester to obtain a grade. INCOMPLETE (INC) is reflected in the university online grading/report system as a mark given to the students for major compliance in the subjects which requires a Completion Form from the Registrar to be filled-up and accomplished within a year, otherwise noncompliance is a final grade of 5.0. WITHDRAW (W) is also reflected in the online grading/report system to indicate that the student withdraw or did not finish/complete the subject enrolled.

## LIST OF RESOURCES

### Required Readings

Dawson, C. (2009). *Introduction to Research Methods, A Practical Guide for Anyone Undertaking a Research Project*, 4<sup>th</sup> Edition, UK: How to Content. Retrieved from <https://www.pdfdrive.com/introduction-to-research-methods-a-practical-guide-for-anyone-undertaking-a-research-project-d157725135.html>

Vanderstoep, S. & Johnston, D. (2009). *Research Methods for Everyday Life: Blending Qualitative and Quantitative Approaches*, USA: Jossey-Bass. Retrieved from <https://www.pdfdrive.com/research-methods-for-everyday-life-blending-qualitative-and-quantitative-approaches-research-methods-for-the-social-sciences-d161070302.html>

Neuman, W. (2014). *Social Research Methods: Qualitative and Quantitative Approaches*, 7<sup>th</sup> Edition, UK: Pearson Education Limited. Retrieved from <https://www.pdfdrive.com/social-research-methods-qualitative-and-quantitative-approaches-e19744746.html>



Johnson, R. & Christensen, L (2014). *Educational Research: Quantitative, Qualitative, and Mixed Approaches*, USA: SAGE Publications, Inc. Retrieved from <https://ismailsunny.files.wordpress.com/2017/07/educational-research-quantitat-r-robert-burke-johnson.pdf>

### **Suggested Reading Materials**

- Albert, J. R. (2008). *Basic Statistics for the Tertiary Level*, Padua, Patungan & Marquez (eds), Manila: Rex Book Store.
- Ariola, M. (2016). *Principles and Methods of Research*, 1<sup>st</sup> Edition, Quezon City: Rex Store, Inc.
- Asaad, A. S. (2008). *Statistics Made Simple for Researchers*, Manila: Rex Book Store, Manila
- Calderon, J. & Gonzales, E. (2016). *Methods of Research and Thesis Writing*, Mandaluyong City: National Book Store
- Castillo, F. S. (2007). *Research Education and Scientific Writing*, Latest Edition, Manila: Booklore Publishing Corporation
- Finkelsten, L. Jr (2005). *Pocket Book of Technical Writing for Engineers and Scientists*, 2<sup>nd</sup> Edition, McGraw-Hill (Asia)
- Fraenkel, K. R., Wallen, N. E., and Hyun, H. H. (2013). *How to Design and Evaluate Research in Education*, 8<sup>th</sup> Edition, New York, USA: McGraw-Hill International Edition
- Frankfort-Nachmias, C., and Nachmias, D. (1997). *Research Methods in the Social Sciences*, 5<sup>th</sup> Edition, London: Arnold
- Fraenkel, K. R., and Wallen, N. E. (2010). *How to Design and Evaluate Research in Education*, 7<sup>th</sup> Edition, New York, USA: McGraw-Hill International Edition
- Hair, J., Celsi, M., Ortinau, D. and Bush, R. (2017). *Essentials of Marketing Research*, 4<sup>th</sup> Edition, New York: McGraw Hill Education
- Jha, A. S. (2011). *Research Methodology*, Delhi, India: APH Publishing Corporation
- Mustafa, A. (2010). *Research Methodology*, India: AITBS Publishers
- Paler-Calmorin, L, & Calmorin, M. A. (2007). *Research Methods and Thesis Writing*, 2<sup>nd</sup> edition, Manila: Rex Book Store
- Sanchez, C. A. (1997). *Methods Techniques of Research*, 3<sup>rd</sup> Edition, Manila: Rex Book Store
- Tayie, S. (2005). *Research Methods and Writing Research Proposals*, Pathways to Higher Education Project, Center for Advancement of Postgraduate Studies and Research in Engineering Sciences, Faculty of Engineering – Cairo University
- Trinidad, J.E (2018). *Researching, Philippine Realities: A Guide to Qualitative, Quantitative, and Humanities Research*, Quezon City: Ateneo De Manila University Press
- Walliman, N. (2018). *Research Methods the Basics*, Second Edition, London and New York: Routledge Taylor & Francis Group

**Prepared by:**

**ENGR REYNALDO PEREZ-RAMOS, PhD**  
**Professor**