



ROMBLON STATE UNIVERSITY
College of Engineering and Technology
Department of Electrical Engineering

COURSE OUTLINE

RES 512 – RESEARCH PROJECT 2
1st Semester SY 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; and (4) provide progressive leadership in its areas of specialization.

COURSE DESCRIPTION

This course covers the basic stages and processes to undertake a research study, particularly towards the actual conduct of the study and writing-up of the research project report or thesis. It includes the finalization of the main parts or contents of the thesis: Chapter 1: Introduction, Chapter 2: Review of Related Literature, Chapter 3: Methodology, Chapter 4: Results and Discussion, and Chapter 5: Summary, Conclusions and Recommendations.

COURSE CONTENT AND TOPICS

- (1) Introduction: the importance of research: "Why we conduct Research?"
- (2) Writing-up of research proposal: Guidelines in the Revision of Chapters 1, 2, and 3
- (3) Guidelines in Writing-Up of Chapters 4 and 5
- (4) Actual Conduct of the Research Study
- (5) Finalization of Chapters 1, 2, 3, 4 and 5

COURSE REQUIREMENTS

1. Online Attendance/Login
2. Online Class participation thru Discussion Forum
3. Online Homework/Assignments
4. Online Quizzes/Major Examination
5. Progress Reports via Google Meet
6. Group Work Final via Google Meet

COURSE POLICIES

- ✓ Online login/participation is necessary for each student to obtain maximum benefits for instruction. It is expected that the students regularly visit the websites (Weebly, Google Classroom, ARAL; and Canvas or Moodle are optional platforms); and active participation in the online discussion/forums will be monitored regularly. Observe p
- ✓ Proper online etiquette (politeness) in posting messages in the discussion forums.



- ✓ Projects and online homework/assignments must be submitted on time. Point deduction will apply to late submission of individual projects and homework/assignments.
- ✓ Online quizzes will be given on a specified time and to be announced ahead of time. Make-up online quizzes will be given only for those who have valid reasons of missing the quizzes/examinations.
- ✓ Online major examinations (Mid-term and Final) are optional and to be announced ahead of time. Make-up online examinations will be given depending on the availability of the students. It might be given on-site or face-face provided that necessary arrangements will be made.
- ✓ **Students are required to have a notebook for the subject.** It is expected that all students will take notes during class and will study these notes. Handouts should be downloaded or photocopied. Assignments will be handwritten in the notebook and images/photos of these assignments will be submitted electronically via Google Classroom or ARAL system.
- ✓ No sharing of homework/assignments electronically or any means of copying others outputs.
- ✓ Personal laptops, cell phones and other electronic gadgets are strongly encouraged to use for the online learning. Visit to computer shops are still acceptable but maintain social distancing and wearing ng face masks/shields.
- ✓ Face-to-face group studying and peer teaching are also encouraged to enhance the knowledge and skills but proper protocols such as social distancing and wearing of face masks and shields will be strictly observed.
- ✓ Any form of online cheating will not be tolerated. Any violation will be dealt properly.
- ✓ **Plagiarism is not tolerated in the preparation of written reports, thus proper citation and referencing are necessary.**

STUDENTS WITH SPECIAL NEEDS

Students who have any disability that might affect their performance in the class are encouraged to speak with the instructor early in the semester.

COURSE GRADING SYSTEM

Grading will be as follows:

Online Attendance/Class Participation	20%
Homework/Assignment	10%
Quiz	5%
Group Work/Output	40%
Midterm and Final Examinations	25%

Methods of Computation

Absolute zero shall be used in all examinations and quizzes.

Percentile shall be used in recording grades when evaluating students using the formula below.

$$FinalGrade = \frac{MidtermGrade + FinalTermGrade}{2}$$

Grades Equivalent



Rating	Grade
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 grading/report to indicate that the student withdraw or did not finish/complete the subject enrolled.

LIST OF REQUIRED E-BOOKS

Dawson, C. (2009). *Introduction to Research Methods, A Practical Guide for Anyone Undertaking a Research Project*, 4th Edition, UK: How to Content. Retrieved from <https://www.pdfdrive.com/introduction-to-research-methods-a-practical-guide-for-anyone-undertaking-a-research-project-e157725135.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-e161070302.html>

Neuman, W. (2014). *Social Research Methods: Qualitative and Quantitative Approaches*, 7th 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-quantitative-r-robert-burke-johnson.pdf>

ADDITIONAL READING MATERIALS

Albert, J R (2008). *Basic Statistics for the Tertiary Level*, Padua, Patungan & Arquez (eds), Manila: Rex Book Store.

Asaad, A S (2008). *Statistics Made Simple for Researchers*, Manila: Rex Book Store.

Castillo, Fely S. (2007). *Research Education and Scientific Writing*, Latest Edition, Manila: Booklore Publishing Corporation.

Finkelsten, Leo Jr (2005). *Pocket Book of Technical Writing for Engineers and Scientists*, 2nd Edition, McGraw-Hill (Asia)

Fraenkel, Kack R., Wallen, Norman E., and Hyun, Helen H. (2013). *How to Design and Evaluate Research in Education*, 8th Edition, New York: McGraw-Hill International Edition.



Frankfort- Nachmias, Chava, and Nachmias, David (1997). *Research Methods in the Social Sciences*, 5th Edition, Arnold, London.

Fraenkel, Kack R., and Wallen, Norman E. (2010). *How to Design and Evaluate Research in Education*, 7th Edition, New York: McGraw-Hill International Edition.

Jha, A S (2011). *Research Methodology*, Delhi: APH Publishing Corporation.

Mustafa, A (2010). *Research Methodology*, India: AITBS Publishers.

Paler-Calmorin & L, Calmorin, M A (2007). *Research Methods and Thesis Writing*, 2nd edition, Manila: Rex Book Store.

Sanchez, C A (1997). *Methods Techniques of Research*, 3rd Edition, Manila: Rex Book Store.

ONLINE LEARNING PLATFORMS:

www.rsucivilengineering.weebly.com

<https://classroom.google.com/u/3/c/MTU1NjcwMTlwMTcx>

Google Classroom code: **az7e6b4**

www.aral.cloud.8000/

<https://rsu2020.moodlecloud.com/>

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