

**PACE ACADEMY**  
**PRACTICAL RESEARCH 2**  
**CURRICULUM GUIDE**  
**S.Y. 2020 - 2021**  
**First Semester**

<b>Most Important Learning Competencies</b>	<b>Practical Research 2 Lessons</b>
<p>Describes characteristics, strengths, weaknesses, and kinds of quantitative research</p> <p>Illustrates the importance of quantitative research across fields</p> <p>Differentiates kinds of variables and their uses</p>	<p>Lesson 1.1: The Nature of Inquiry</p> <p>Lesson 1.2: Research: An Overview</p> <p>Lesson 1.3: The Use of Variables in Research</p>
<p>Designs a research used in daily life</p> <p>Writes a research title</p> <p>Describes background of research</p> <p>States research questions</p> <p>Indicates scope and delimitation of study</p> <p>Presents written statement of the problem</p> <p>Illustrates and explain the conceptual framework</p> <p>Defines terms used in study</p> <p>Lists research hypothesis (if appropriate)</p>	<p>Lesson 1.4: Research Topic Area Identification</p> <p>Lesson 1.5: Formulating Research Questions and Objectives of the Study</p> <p>Lesson 1.6: Writing the Scope, Limitation, and Significance/Contribution of the Study</p> <p>Lesson 1.7: Writing the Theoretical Framework</p> <p>Lesson 1.8: Formulating the Hypothesis</p>
<p>Presents written review of related literature and conceptual framework</p>	<p>Lesson 1.9: Developing the Conceptual Framework</p>

	Lesson 1.10: Writing the Review of Related Literature
<p>Chooses appropriate quantitative research design</p> <p>Describes sampling procedure and sample</p> <p>Constructs an instrument and establishes its validity and reliability</p> <p>Describes intervention (if applicable)</p> <p>Describes intervention (if applicable)</p> <p>Plans data analysis using statistics and hypothesis testing (if appropriate)</p> <p>Presents written research methodology</p>	<p>Lesson 1.11: Quantitative Research Designs</p> <p>Lesson 1.12: Locus Identification</p> <p>Lesson 1.13: Samples and Sample Size</p> <p>Lesson 1.14: Sampling Techniques</p> <p>Lesson 1.15: Research Techniques or Instruments</p>
<p>Collects data using appropriate instruments</p> <p>Presents and interprets data in tabular or graphical forms</p> <p>Uses statistical techniques to analyze data – study of differences and relationships limited for bivariate analysis</p>	<p>Lesson 1.16: Data Collection, Organization, and Presentation</p> <p>Lesson 1.17: Statistical Treatment of Data</p>
<p>Draws conclusions from research findings</p> <p>Formulates recommendations</p>	<p>Lesson 1.18: Discussion of Results of Study</p> <p>Lesson 1.19: Conclusion and Recommendation</p>
	Lesson 1.20: Writing References

**Reference:**

Uy, C., Cabauatan, R., de Castro, B., & Grajo, J. (2016). *Practical Research 2*. Vibal Group Inc.

**Time Allotment:** One (1) synchronous session (40 minutes per session); Five (5) asynchronous sessions (40 minutes per session)

**Promotion/Retention:**

- Assessments will be categorized as the following with the corresponding weight:
  - Short Quizzes (20%)
  - Written Outputs (35%)
  - Product and Performance Tasks (45%)
- **Short Quizzes.** These include summative assessments after every lesson, group of related lessons, or chapter.
- **Written Outputs.** These include book/article reviews, essays, journals, letter writing, reaction/reflection papers, and written reports.
- **Product and Performance Tasks.** These include portfolios, campaigns, case studies, collages, compositions, literary analyses, multimedia productions, research projects, story/poem writing, debates, interviews, multimedia presentations, panel discussions, project making, role plays, speech delivery, and storytelling/reading.