Educational Research Project Title

Author name, Degree, Title, Affiliation

Background and Context

- Context of your study
- Significance of the topic
- Tips: Use short phrases; use bullet points

Research Purposes & Questions

To investigate how well the new approach was accepted by students and impact on learning.

Research question 1 (e.g., Student acceptance)

Research question 2 (e.g., Student engagement)

Research question 3 (e.g., Student content learning)

Literature Review/Theoretical Framework

- Theoretical framework guiding your study
  - Example: Backward design
  - Example: Multimedia learning theory
- Key findings reported by other researchers
- Identified gaps in literature

Program/Course Design

Course and module title

Pre-class
- Example: Self-paced online learning
  - Animated videos; games; slides
- Example: Online quiz on Canvas
  - 10 questions; MCQ, short answers

In-class
- Example: Group project and presentation
- Example: Case-based discussion

Assessment
- Examples: Quiz, presentation, concept map

Research Methods

Research design: Mixed methods design
Participants: Demographic (gender, etc.)

Data collection
- Survey
  - 10 questions: 4-point Likert scale; open-ended
  - Administered in 2018/02; Qualtrics
  - 130 respondents (92% response rate): 70 female; 60 male
- Semi-structured focus group
  - 6 questions focused on perceived effectiveness /challenges
  - 5 students (2 female; 3 male)

Data analysis
- Quantitative: T-test, regression, chi-square
- Qualitative: Open coding to identify themes
- Compare and contrast quan & qual data

Findings

Findings for research question 1
- Key findings from quan/qual data.

Findings for research question 2
- Key findings from quan/qual data.

Findings for research question 3
- Key findings from quan/qual data.
- Tip: Report mean, sd, p value, etc. in standard format.

Discussion and Conclusion

- Implication of your findings
- Implication of your findings
- Limitations of study (e.g., convenient sample, no control group, small sample size)

Future Directions

- Future direction 1 (e.g., use a control group)
- Future direction 2 (e.g., use a larger sample size)