FIGURE 8.2 ■ Template for Research Methodology Flowchart

Define

- Literature Review (Community of Inquiry, Knowles Theory of Andragogy, Adult Learner, Facilitation Methods)
- Conceptual Framework (Social Presence, Cognitive Presence, Teaching Presence, Adult Education Facilitation Methods)

Design

- Instruments Created and Field Tested (Interview Guide, Focus Group Protocol)
- IRB Approval Obtained
- Research Target Population (students enrolled in U.S. online courses delivered by non-profit or public degree granting institutions) and Identify Potential Participants (students enrolled in U.S. online courses since 2020).
- Select and Invite Participants (utilizing Qualtrics)

Collect

- Secure Agreement to Participate (Informed Consent)
- Conduct survey, Interviews. Transcribe all Interviews Verbatim
- Hold Focus Group. Transcribe Verbatim
- Ongoing Journaling

• Create NVivo Database and Upload Transcribed Interviews and Documents

- Begin Coding with Preliminary List of Start Code and Add New Codes
- Refine Coding Scheme. Use Coding Scheme Development Charts to Document Revisions
- Analyze and Synthesize Data: Within Case Analysis
- Analyze and Synthesize Data: Across Case Analysis
- · Ongoing Journaling

Analyze