

Questionnaire on the Effectiveness of Online and Offline Learning

Dear Participant,

Thank you for contributing to this study on learning effectiveness. Please review each criterion carefully and complete the pairwise comparison section based on your preferences.

Participant Background:

- Age:
- University (Public/Private):
- Field of Study:
- Experience with Online Learning (Yes/No):

Instructions:

For each pair of criteria below, please indicate which one you believe is more important and to what degree. Use a scale of 1 to 9, where:

1 = equally important

9 = extremely less important.

Criteria Definitions:

- - Cost and Time (CR1): Encompasses expenses (e.g., transportation, internet) and time spent on learning.
- - Flexibility (CR2): Refers to the freedom of time and location for study.
- - Effectiveness of Learning (CR3): Measures how well learning meets educational goals.
- - Interaction (CR4): Involves student engagement with instructors and peers.
- - Concentration (CR5): Ability to focus during the learning session.
- - Pace of Learning (CR6): Ability to learn at an individual pace.
- - Technological Issues (CR7): Refers to technical challenges impacting learning.
- - Practicality (CR8): The inclusion of hands-on, experiential learning.

Pairwise Comparisons

For online: Most important criteria:

Least important criteria:

For offline: The most important criteria:

Least important criterion:

Determine the best to other criteria for online/offline (1-9)

Best to others	CR1	CR2	CR3	CR4	CR5	CR6	CR7	CR8
Best Criteria								

Select Others to the Worst for Online/Offline (1-9)

Others to the Worst	Worst Criteria
Efficiency of learning	
Cost and time	
Flexibility	
Interaction	
Concentration	
Pace of learning	
Technological Issue	
Practicality	