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COMPARING THE EFFECTIVENESS OF ONLINE LEARNING TO TRADITIONAL LEARNING FORMATS

Is online learning effective?





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- When an online course is properly designed and conducted, learning outcomes are not significantly different from those produced in a traditional, face-to-face classroom setting. (USDOE, 2010)



Questions

- What does effective mean?
 - How do they measure it?
 - In all disciplines?
 - Academic? Vocational?
 - Practical? Conceptual?
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Literature Review

Research

- Compared f2f with online
- Peer reviewed journals
- Range of fields
- Practical and theoretical

Excluded:

Studies where online pedagogy was not used.

Papers Reviewed

31 Papers

10 countries

Variety of
Disciplines



Disciplines

- Social work
- Education: preschool teachers
- Sociology
- Dental hygiene
- Language teaching: Spanish, Dutch, English
- Economics
- Business School
- Medical Laboratory science students
- Leadership Studies
- Speech Pathology and Dentistry
- Engineering (math courses)
- Math
- Hospitality
- Vocational Training: media
- SQL Course
- Health Studies
- Finance
- Macroeconomics
- Business students
- Nursing
- Sociology

Findings



**Academic
Performance**

**Student
Satisfaction**

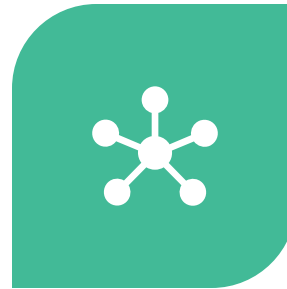
Four Major Themes



BENEFITS OF
ONLINE EDUCATION



STUDENT
SATISFACTION



INTERACTION



ACADEMIC
PERFORMANCE

Benefits of Online

Flexibility

Real World Application

Digital Skills

Cost Effective

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Student Satisfaction

F2f comparable to online

Negative:

Technical glitches

Feeling isolated

Workload higher than expected

Interaction



Student to Content



Student to Student



Student to Teacher

Academic Performance

- Comparable
- Student Characteristics and Choice



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