

The Effectiveness of Online Learning

Group: 0221

Why we chose this topic

Online learning has grown in popularity, particularly during the COVID-19 pandemic. Over 6 million students in the US took at least one online course in 2016 (Allen & Seaman, 2017), and this number has continued to rise. There is a growing interest in understanding the effectiveness of online learning compared to traditional classroom-based learning, and in identifying strategies to improve the quality of online education.



Opportunities

Online learning has become extremely prevalent in these past few years especially due to Covid-19. World wide institutions are adopting more flexible, convenient and accessible education methods to increase and potentially widen the learning community. Online learning is not only more educationally effective due to better retention of information, faster learning times, and increased productivity. It also cuts cost by up to an increase of 70% in savings (Why Online Learning Is More Efficient and Cost-Effective than Alternatives, 2020), this is due to cutting edge technology that allows the ability to share online courses without the aid of external parties. This means we can cut off teacher salaries, transportation costs, course material costs and more (Why Online Learning Is More Efficient and Cost-Effective than Alternatives, 2020).

Risks and Challenges

1. Technological issues: Connectivity problems, software glitches, and hardware failures can hinder the effectiveness of online education (Purwanto, 2022).
2. Isolation and lack of interaction: Students may experience feelings of isolation and disconnection due to the absence of face-to-face interactions in online learning (Alawamleh, 2020).
3. Academic dishonesty: The online environment presents a potential for academic dishonesty, as reduced supervision may tempt students to cheat in assessments and exams (Herdian, 2021).

Choices

To mitigate these risks it is important to implement anti-cheat measures in the online learning environment, one solution is creating a rule where students faces must be visible and their screen must be streamed to the teacher. Providing technical support for students who are having trouble connecting. Having icebreakers/ fun group activity so students get the chance to interact with each other.

Reference list

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Roles

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Project manager, Lead researcher on risk and challenges, Source / fact checking, Slide constructor

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Finding solutions to risk and challenges, CSS engineer, project team member, presenter

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