

Evaluation of Blended Learning and Classroom Learning on student attainment (report)

Student name: NICOLETA BALTARET

Student ID:2107487

Module: Academic and Employability Skills

Module code: BMSW 4001

Module coordinator: GIRIDHAR KATTI

Table of Contents

Abstract.....3

Introduction.....4

Main Body.....5

Evaluation.....9

Recommendations.....10

Conclusion.....10

References.....11

Abstract

This essay will examine student attainment by evaluating blended learning and classroom learning. The result of this examination is based on students achievements in learning process.

Introduction

According to Oxford dictionary (teachthrough.com, 2012) blended learning is “ a style of education, in which students learn via electronic and online media, as well as traditional face-to-face teaching”

A traditional classroom is an educational place where teacher delivers knowledge to the students without any third-party medium. This is the most common way of learning all around the world.

According to Albert Einstein quotes on teaching and learning (homeschoolwithlove.com,2014.) classroom learning is: “ the supreme art of the teacher to awaken joy in creative expression and knowledge.”

Before blended learning, students did not have access to online information. They had to read books and take notes and spent more time to improve their learning process.

After blended learning started to form, 2000s beginning, students begin to have access on online tools, apps, library etc.

Blended learning pros : (kaloni , 2021)

- Online tools helps teachers and students to have connection outside the teaching scope .
- Easy direct communication between teacher to student ,and student to students .
- Much easy for teachers to have an effectively communication with students ,using online communication tools , such as marketing tools , consult firms, collective apps, and drop box etc.
- Personalized support.
- Student with different coping strategies con fit to a personalized blended learning .
- Academic experience .
- Technology allows educational support like interactive educational games enlarge students interest in session and makes the learning process more fun .
- Trough BL , students make more effective assessment .
- Course grained reporting and automatic grading with built in rubric , can make students complete evolutions possible .
- Because of the immediate feedback , students are aware of their progress and teachers effort is reduced ..
- Blended learning helps students to intensify them computer literacy skills .

Classroom learning pros:

- Students are more interactive .
- Teachers and students have the opportunity to interact face -to- face .
- Traditional experience. according to the Spencer Hendriks (June 208).
- Students have the chance to get immediate response ,when they don't understand .
- Is the most comfortable style of education that students know .
- Is most easy for teachers to assist students in their learning process in classroom environment .
- The human touch.
- Immediate feedback .
- Team building .
- Focus / removal distraction .

Blended learning cons : (Dcepti Kuiya kaloni , January 22,221)

- Huge technological dependence .
Blended learning has a key ingredient which is knowledge to know how to use technological recourse tools , that may cause heavily internet dependence .
- High cost involved .
- Blended learning require investment in advance technology and device and infrastructure set up etc.

- IT knowledge .
- Online tools and the base of the technology may become a disadvantage for teachers .Training and technical support it's a must for them .
- Significant overload for teachers .
- Teachers must extend their perspective by choosing the tools app, and apps . to complete an effective lesson plan well blended.
- Too much exposure on the web .
- If they are exposing too much to the web ,student may get fascinated irrelevant and unsuitable things once they start using it regularly .
- Lack of supervision .
- Blended learning can reduce the motivational level to the students because of less supervision them face -to -face learning .

Students perception and their relation to outcomes:

Educational blended learning concept is being enlarged (computer and educations ,2011)

-The obtained result from a blended learning experience is implemented at The university of Granada . The beneficial impact of blended is reduced abandonment rote heightening students results . More than that students vision of blended learning is attached on their final marks found on student age , background, activities , and class attendance .

Journal of educational technology in HE study (vol. 15(1) , p .1-16) , study confront particular consequence , insinuation and believable future orientation of BL and HE . The author affirm that BL consolidate students success ,access and them knowledge of their learning ambience .

- The face- to- face and online class rates of disengagement success are collected to those for BL ,being interrelate with minority status .The authors deduce that even though BL had up to modern instructional technologies ,its evolution will inseparably leap to contemporary information , communication technology which are close to some aspects of human thought process .

In 2013 ,Grohom, affirmed that BL or the integration of face- to -face and online instruction are commonly referred in HE as the " new traditional model " (Ross and Gage 2006,p.167), or the " New normal" (Noberg et al.2011, p.207), in course delivery .

The effect of BL on student performance at course level in HE :

A meta – analysis :

In this article is analysis the impact of blended learning accomplishment of students higher education . The K= 51 effect size meta -analysis was managed to present a statistical combination of studies ,complementing student achievement in blended learning concept with traditional classroom instruction . The result were showing that compared with traditional teaching method ,blended learning indicate a small summary effect . The results obtained shows that blended learning is strongly affiliate with considerable learning achievement of STEM discipline students ,along traditional classroom practice .

A time based blended learning model :

This study empower the readers to develop a thought of blended learning as a modern media combination, time, communication styles, and places and in a combination of learning in traditional classroom scope and technology . With teachers teaching as a tutor ,looking after students collective learning process ,according to " on the horizon (vol 19(3),p.207-2016) article .

The modern learning technology helped the students and teachers to break the lack in classroom scope .Classroom scope being the key component of blended learning .

-The essential elements of the learning environment are time and synchronicity .

The effect of learning factors on intelligent thinking in the smart classroom environment :

Higher- order thinking is certified as the basic condition in the era of knowledge age ,both in learning and workplace ,according to journal of computer in Education (2019 vol.6(4), p 483- 498

) combining information technology into the classroom is a regular method to enhance learner the ability of reasoning by changing the environment .

Smart classroom is a technology augmented environment are simplify learners ability of reasoning . Hi – order thinking is a guided by learner factor such as learning strategies and attitude .Those learners factors have changed in the small classroom environment .

Hands- on versus virtual .

Reshaping the design classroom with BL according to the Katija Fllischman (2021,vol20(1) ,p 87- 112)the one-to-one teaching activities is commonly related with the heart of design studies teaching

and to the interchange prompting feedback many teachers believe that it does not fit -in to online delivery .This study searched how design educator can interpret the content of design studio teaching into a blended learning conditions.

A four years study included 119 undergraduate students on the evolution ,implementation , and restatement of a blended learning experience in a factory design subject . The topic chased a flipped classroom model where additional reading ,video lecture and software tutorials been provided online through a learning management system .student can work on their project ,present their works and take a part in a dialogical learning process through face -to-face tutorials . The feedback from students and teachers were collected to analysis the change and general advantage of blended learning design experience which proved to be effective .

- According to the Jessie Woolley Wilson (TED_x Talks 2012), blended learning combines he traditional face -to- face learning with a new innovative technology ,that have the power to democratize learning .Also Jessie is talking about a teacher ,Wendy Funk from California ,who realised that her students number increased from 18 to 25 . Wendy looked at her classroom wondering what she can do to ensure that every chid obtain what they need . and at the right time they need it . Wenolys critical point comes when she opt for blended learning .Blended learning was supported by an intelligent adoptive learning technology .Wenoly proposes her kids to allocate more 100 minutes in a week to this adoptive software program. The result did not meet her expectation at the biggening ,but after a while the result were remarkable .Her classroom achieved the equivalent of a full year learning in six months .

Jessie Woolley Wilson said that the velocity of learning could increase with those intelligent adoptive learning technology . These adoptive technologies can help the learner to learn as the learner can learn.

Evaluation:

Based on my blended learning and classroom learning analysis both have strength and weakness points .

Strengths:

- Student and educator have faster collaboration by being connect to each other outside the classroom .
- Through online communication tools teachers can communicate effectively with their students .
- Teachers can tract students skill and performance ,reviewing time spent on a task of every student.
- Effective student assessment:

Students comprehensive evaluation is possible with course-grained reporting and automatic grading with build in rubric.

Weakness:

- PC dependence – To be able to technological resource ,students are dependents of the internet .
- High cost involved – Investment in advance technology ,devices etc .
- Too much exposure on the web – some digital resource are not authentic and they are age appropriated .
- Lack of supervision -students may lose their motivation level by switching to blended learning because is less supervision compared with face -to- face classroom learning .Overall BL has been and continue to be a strong technical practice which helps students to develop much easier them skills and abilities s ,BL gives student possibility to have face- to -face communication with teachers and other colleagues and to have access to online information in a real time .

Children who spends a lot of time in front of computer might become addicted and in time they might develop emotional problems .

Recommendations:

For the future I would propose that schools can offers students more opportunities to learn how to use computers .Most of the students ,in their 30s they do not know how to use computers. That's why I think school should provide for students to know how to use computes .

Conclusions:

Blended learning it's a form of teaching via technology which helps students to learning to learn in classroom under teachers guide .

Classroom learning is the primary form of learning which is guiding future students to improve their learning abilities

With blended learning concept ,student and teacher don't have to be lack in the classroom scope .Blended is a must in students learning process .

In conclusion ,Technology proved to be helpful for teachers and students but technology will never replace teachers .Teachers have feeling ,emotions ,power of observations ,reaction, and most important they can observe students abilities of understanding .On the other side technology give us only precise information's.

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