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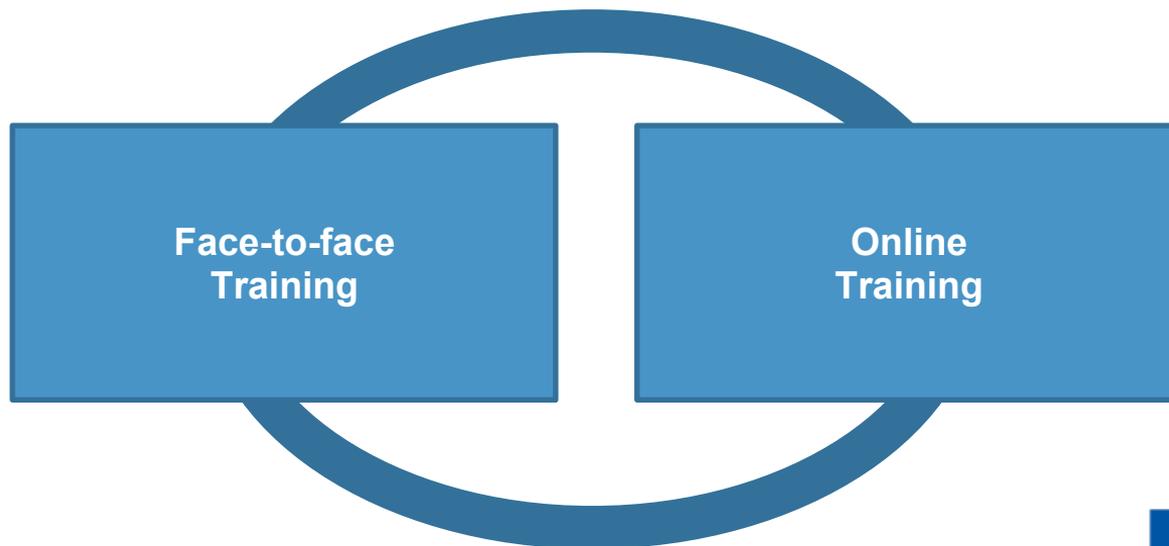
*Module 6 – Teaching and Learning in  
Blended-Learning Environments - Online*

# **Blended Learning**

Marc Beutner - UPB

## *6.1 Introduction to Blended Learning*

# What is Blended Learning?







*Task*

Look at the words and phrases in the word cloud concerning Blended Learning.

1. Please, try to write some sentences about 5 of the words and phrases. What does they mean to you?
2. Are there any words you don't know in the Blended Learning context?

Do some internet research about these phrases.



◆ mix of **e-learning** with **classroom instruction**

“Blended learning” designates the range of possibilities presented by combining internet and digital media with established classroom forms that require the physical co-presence of teacher and students.’

Norm Friesen (2012): Report: Defining Blended Learning.

On the internet: [http://learningspaces.org/papers/Defining\\_Blended\\_Learning\\_NF.pdf](http://learningspaces.org/papers/Defining_Blended_Learning_NF.pdf), date: 15.12.2017



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## *6.2 Functions of Blended Learning*



## *Functions of Blended Learning*

- ◆ new learning experience – combining benefits of modern communications and IT with traditional learning.
- ◆ improve students engagement
- ◆ new role of the teacher – from knowledge provider to coach/mentor
- ◆ change the relationship between teacher and learner
- ◆ organize content and promote learning of skills, abilities



## *Task / Exercise*

Please, read the fact sheet!



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Green Entrepreneurship Training (GET-UP) Project  
CPD- Programme

### **FACT Sheet – Blended Learning Functions**

*Module 4 – Teaching and Learning in  
Blended-Learning Environments - Online*

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Author: Marc Beutner UPB  
Date: December 2017

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## *Task / Exercise*

Have a look at the following video.  
After watching write down the most important aspects about the integration of blended learning and how this can work!

Share your ideas online with the group.



## *Blended Learning*

### ◆ Video 1: Blended Learning Environments - Part 1: What is Blended Learning

<https://www.youtube.com/watch?v=llh4jJlvF44>

Frederic Skrzypek 2013 - Creative Commons

### ◆ Video 2: The Basics of Blended Learning - Fundamentals of Blended-Learning

[https://www.youtube.com/watch?](https://www.youtube.com/watch?v=3xMqJmMcME0&list=PLn9ipWqcNZ9zLBPODa4ZPNfP6-zAtdvNf&index=15)

[v=3xMqJmMcME0&list=PLn9ipWqcNZ9zLBPODa4ZPNfP6-zAtdvNf&index=15](https://www.youtube.com/watch?v=3xMqJmMcME0&list=PLn9ipWqcNZ9zLBPODa4ZPNfP6-zAtdvNf&index=15)



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## *6.3 Advantages and disadvantages of Blended Learning*



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*Task / Exercise*

Have a look at the following video.  
After watching write down the most important  
aspects about the integration of blended  
learning and how this can work!



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*Examples of the integration of blended learning*

◆ Video 1:

Enhancing Face-To-Face-Learning with online learning: Blended Learning with PINGO

<https://www.youtube.com/watch?v=aZC3NnUqZcs>

Wirtschaftswissenschaften Uni Paderborn 2012

◆ Video 2: Peer-Discussion with PINGO

<https://www.youtube.com/watch?>



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*Benefits of Blended Learning 1*

# **Motivation and Engagement of the learners!**

- 1. “Learner is more engaged using a variety of content types**
- 2. Different learner, different learning style**
- 3. Instructor can assess learner trends and act accordingly**
- 4. Improved feedback**
- 5. It can make learning fun!”**

Talentlms (2017):

5 reasons blended learning works.

<https://www.talentlms.com/blog/5-reasons-why-blended-learning-works/>

Access date: 15.12.2017.

- **“Teaching is less expensive to deliver, more affordable and saves time.**
  - Blended learning offers flexibility in terms of availability – Anytime, anywhere. In other words, eLearning enables the student to access the materials from anywhere at any time.
  - Access to global resources and materials that meet the students’ level of knowledge and interest.
  - Self-pacing for slow or quick learners reduces stress, increases satisfaction and information retention.”

April Gaiarla (2017): The Benefits Of Blended Learning.

Advantages Of Blended Learning For Teachers.

<https://www.teachthought.com/technology/the-benefits-of-blended-learning/>

Access date: 15.12.2017.

## *Benefits of Blended Learning 3b*

- “E-learning allows more affective interactions between the learners and their instructors through the use of emails, discussion boards and chat room.
- Students have the ability to track their progress.
- Students can also learn through a variety of activities that apply to many different learning styles.
- E-learning could improve the quality of teaching and learning as it supports the face-to-face teaching approaches.”

April Gaiarla (2017): The Benefits Of Blended Learning.

Advantages Of Blended Learning For Teachers.

<https://www.teachthought.com/technology/the-benefits-of-blended-learning/>

Access date: 15.12.2017.



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*Disadvantages of Blended Learning 1*

# **Motivation and Engagement of the learners!**



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- ◆ Technical Challenges
- ◆ Organisational Challenges
- ◆ Instructional Design Challenges

Insynctriating 2014 - Jennifer Hofmann 2014:

Top 10 Challenges of Blended Learning (AND Their Solutions!).

<http://blog.insynctraining.com/top-10-challenges-of-blended-learning>

Access date: 15.12.2017.

## *6.4 Forms of blended learning approaches*



Face-to-Face Driver model

Online-Driver model

Self Blend model

Rotation model

Flex model

Online Lab Model

Enriched- virtual model



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<https://study.com/academy/lesson/what-is-blended-learning-definition-models.html>

## *Blended learning Models 1*

### ◆ **Face-to-Face Driver Model:**

This is a 'softer' approach to blended learning. The lecture will always be in-person. An individual teacher will add content online to support the curriculum. For example, in-class lectures are supported by supplementary lectures and virtual world activities found online.



## *Blended learning Models 2*

◆ **Online Driver Model:** This is also taught fully online. It is self-paced with teachers checking in on a student and providing support as needed.

◆ **Self-Blend Model:** Students take extra courses online. This is common for students wanting to take advanced courses for college or at-risk students who need extra coursework to graduate.



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<https://study.com/academy/lesson/what-is-blended-learning-definition-models.html>

## *Blended learning Models 3*

### ◆ **Rotation Model:**

The rotation model is a fixed schedule of in-classroom and online instruction. It alternates between an in-classroom lecture supported by online study and an online lecture with supporting classroom activities. For example, in week 1, students will have face-to-face lectures and activities will be online. In week 2, students will watch online lectures and the classroom will be used for activities.



## *Blended learning Models 3b*

### ◆ **Rotation Model:** Submodels

#### - *Station rotation*

Stations within a classroom or group of classrooms.

Students rotate through all of the stations, learn and solve tasks.

#### - *Individual rotation*

Each student has an individualized list/schedule with learning activities and rotates to the stations of individual need and not

to all.



## *Blended learning Models 3c*

### ◆ **Rotation Model:** Submodels

#### - *Flipped classroom*

The primary delivery of content and instruction is online.

In class: face-to-face reflection, teacher-guided practice or projects  
Students do online learning off-site in place of traditional homework

#### - *Lab rotation*

Students learn in class and rotate to a computer lab for the online-learning station.



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<https://study.com/academy/lesson/what-is-blended-learning-definition-models.html>

## *Blended learning Models 4*

### ◆ **3 Flex Model:**

Students learn primarily online, while the classroom is used for tech support.

### ◆ **Online Lab Model:**

Courses are taught fully online but supervised by an adult in the physical classroom.



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## *Task / Exercise*

Have a look at the following four videos.

After watching write down the most important aspects and think about the following two questions:

Which didactical ideas stand behind that forms?

Which is most suitable for the GET-UP Curriculum in your context?

Share your experiences and ideas about the videos and the questions with other learners online!





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*Examples of the integration of blended learning*

◆ Video 1:

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Wirtschaftswissenschaften Uni Paderborn 2012

◆ Video 2: Peer-Discussion with PINGO

<https://www.youtube.com/watch?>



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*Examples of the integration of blended learning*

◆ Video 3:

Blended Learning and the flipped classroom

<https://www.youtube.com/watch?v=paQCE58334M>

Osmosis 2017

◆ Video 4: Blended Learning:

Making it work in your classroom

<https://www.youtube.com/watch?>



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## *Excercise*

Read the Report on Blended Learning of Norm Friesen: Report: Defining Blended Learning

You can find it here:

[http://learningspaces.org/papers/  
Defining\\_Blended\\_Learning\\_NF.pdf](http://learningspaces.org/papers/Defining_Blended_Learning_NF.pdf)

Write down the most important aspects of the text in a one page summary



*Blended!?*

Let's have a look at the videos!