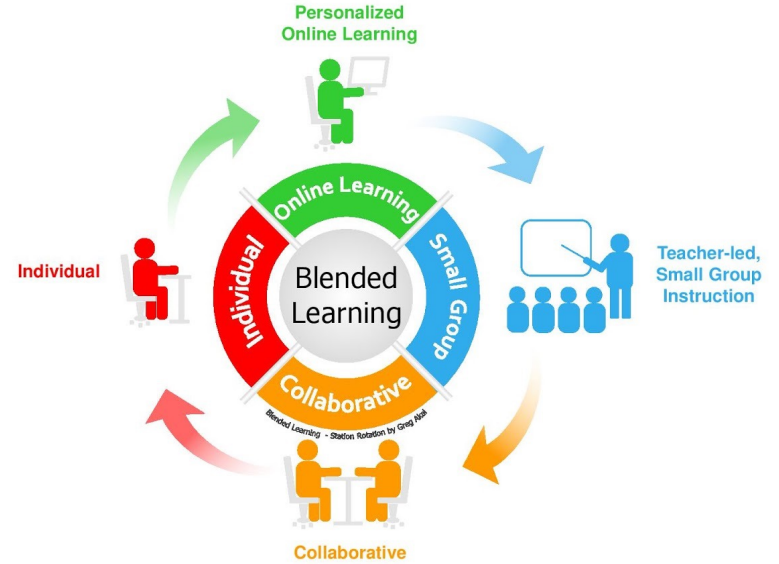


Online Learning Models

Definitions & Effective Practices



Digital Learning Innovations, a
unit of CIA



KENNESAW STATE
UNIVERSITY

Online Learning

What does it mean?

For the instructor:

A form of distance education in which a course or program is intentionally designed in advance to be delivered fully online [asynchronously](#). Faculty use pedagogical strategies for instruction, student engagement, and assessment that are specific to learning in a virtual environment.

For the student:

An online course allows students to interact with instructors and peers through [asynchronous](#) means. Online learning generally provides considerable freedom, allowing students to often choose when and where they'll participate in class activities.



Asynchronous Learning

What does it mean?

For the instructor:

Asynchronous learning happens when the instructor and students do not interact in real time. The instructor provides [online learning](#) via a fully-developed, self-guided course within a course management system. This learning does not include requiring meeting dates and times.

For the student:

Asynchronous learning happens on your schedule. The instructor will provide materials for reading, lectures for viewing, assignments, and exams within an LMS. You will complete assignments within the provided time frame.



Synchronous Learning

What does it mean?

For the instructor:

Synchronous learning in an online environment involves having all the elements of an [asynchronous course](#) that includes regularly scheduled virtual meetings. Students and the instructor interact in a specific virtual place, through a specific online medium, at a specific time.

For the student:

Synchronous learning includes all the characteristics of an asynchronous course, but the class will have online meetings where everyone logs in at the same time. The meetings can be used to facilitate lectures, group discussions, and presentations.



Technology-Enhanced Learning

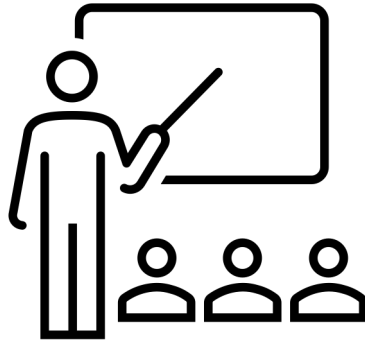
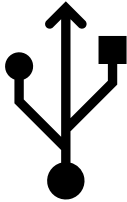
What does it mean?

For the instructor:

Technology-enhanced learning takes place when face-to-face instruction is enhanced with technologies. It is missing the important [asynchronous](#) components that are characteristic of [online learning](#).

For the student:

This class mixes in-person classroom time with educational technologies. Your face-to-face class may include the use of devices, videos, or online-based programs like Padlet.



Remote Instruction

What does it mean?

For the instructor:

Moving content designed for face-to-face instruction online for a limited or one-time-only course instruction. Can allow for a student to connect to the classroom remotely through an approved application. Differs from [online](#) & [synchronous](#) learning because it does not require the instructor to have the entire course available in an online format.

For the student:

The class would not be offered [asynchronously](#). It will be at the instructor's discretion to offer remote instruction on a case-by-case basis.



Hybrid Learning

What does it mean?

For the instructor:

Hybrid learning is where most of the instruction takes place in an [asynchronous](#) online course. And the class has a set time and day to meet in-person.

For the student:

Most of your learning will take place asynchronously online, but there will be a regularly scheduled in-person class.

33% Model

If a course is offered 3 days a week, like M/W/F, you could use the 33% Model. Two of the three days are set aside for face-to-face meeting while one is online.

50% Model

If a course is offered 2 days a week, like T/TH, you would use the 50% Model. One of the two days is set aside for face-to-face meeting while the other is online.

66% Model

If a course is offered 3 days a week, like M/W/F, you could use the 66% Model. One of the three days is set aside for face-to-face meeting while the remaining two are online.

HyFlex Learning

What does it mean?

For the instructor:

HyFlex (hybrid + flexibility) course design provides a [hybrid](#) format for face-to-face and [online](#) students and adds a **flexible participation policy for students**.

Students may choose to attend face-to-face class sessions or complete course learning activities [asynchronously](#). All face-to-face sessions are recorded and uploaded to the online asynchronous environment. Instructors can even offer a [synchro](#) connection to students who need to miss the face face classroom if technology allows.

Special Note for Instructors:

HyFlex learning is included for informational purposes only. KSU does not currently offer any courses using the HyFlex method.

For the student:

Flexibility is the key component to this model. You are free to choose how you would like to interact with the class materials as they will be fully provided in-person and asynchronously online. The choice can be made daily, weekly, or even by subject.



Flipped Learning

What does it mean?

For the instructor:

The Flipped Classroom model flips the traditional relationship between class time and homework. Students learn at home via the [asynchronous](#) online course and instructors use class time for instructor-guided practice or projects. This model enables instructors to use class time for more than delivering traditional lectures.

For the student:

A student will need to engage with the lectures and coursework asynchronously online before entering the face-to-face classroom. They will bring their questions about their online learning to the instructor for more personalized help and class time is used for projects and hands-on practice.



Resources

Online Learning

Barker, L. (2020, April 15). *Remote teaching vs. online learning in higher education today*. Retrieved from <https://www.grantham.edu/blog/remote-teaching-vs-online-learning-in-higher-education-today/>

Mathes, J. (2020, April 13). *A defining moment for online learning*. Retrieved from <https://onlinelearningconsortium.org/a-defining-moment-for-online-learning/>

Sener, J. (2015, July 7). *Updated e-learning definitions*. Retrieved from <https://onlinelearningconsortium.org/updated-e-learning-definitions-2/>

Asynchronous

Great Schools Partnership. (n.d.). *Asynchronous learning*. Retrieved from <https://www.edglossary.org/asynchronous-learning/>

Heick, T. (2020, April 16). The definition of asynchronous learning. Retrieved from <https://www.teachthought.com/technology/the-definition-of-asynchronous-learning/>

TBS Staff. (2018, January 31). Synchronous learning vs. asynchronous learning in online education. Retrieved from <https://thebestschools.org/magazine/synchronous-vs-asynchronous-education/>

Resources, Cont.

Synchronous

Great Schools Partnership. (n.d.). *Synchronous learning*. Retrieved from <https://www.edglossary.org/synchronous-learning/>

Pan, C. C. & Sullivan, M. (2005). Promoting synchronous interaction in an elearning environment. *T.H.E. Journal*, 33(2). 27-30.

TBS Staff. (2018, January 31). Synchronous learning vs. asynchronous learning in online education. Retrieved from <https://thebestschools.org/magazine/synchronous-vs-asynchronous-education/>

Technology-Enhanced

Dunn, T. & Kennedy, M. (2019). Technology enhanced learning in higher education; motivations, engagement and academic achievement. *Computers & Education*, 137(104). 113. doi: 10.1016/j.compedu.2019.04.004

Kirkwood, A. & Price, L. (2012). Technology-enhanced learning and teaching in higher education: What is 'enhanced' and how do we know? A critical literature review. *Learning, Media and Technology*, 39(1). 6-36.

Petty, B. (2018, October 4). *5 technology tools that enhance student learning*. Retrieved from <https://www.teachervision.com/teaching-strategies/5-technology-tools-that-enhance-student-learning>

Resources, Cont. (2)

Remote Instruction

Greene, J. (2020, March 17). *Keep calm and keep teaching*. Retrieved from <https://www.insidehighered.com/advice/2020/03/17/shifting-unexpectedly-remote-instruction-requires-many-human-solutions-tech>

Keep Teaching: UC Davis. (n.d.). *Remote instruction vs online learning*. Retrieved from <https://keep Teaching.ucdavis.edu/teach/planning-remote-instruction/remote-instruction-vs-online-learning>

Training Industry. (n.d.). *Remote Training*. Retrieved from <https://trainingindustry.com/glossary/remote-learning/>

Hybrid

Coswatte, S. (2014, September 18). Updated e-learning definitions. Retrieved from https://onlinelearningconsortium.org/updated-e-learning-definitions/?gclid=Cj0KCQjw0Mb3BRCaARIsAPSNgpUzKqX6MrUZWAuZID4mudf76Nm5tWcU5xYhLmo5kaDzDiLtivB0HzAaAkf4EALw_wcB

Martyn, M. (2003). The hybrid online model: Good practice. *Educause Quarterly*, 1. 18-23.

Mossavar-Rahmani, F. & Larson-Daugherty, C. (2007). Supporting the hybrid learning model: A new proposition. *MERLOT Journal of Online Learning and Teaching*, 3(1). 1-12.

Resources, Cont. (3)

HyFlex

Beatty, B. J. (2019). *Hybrid-flexible course design*. EdTech Books. Retrieved from https://edtechbooks.org/hyflex/teaching_hyflex

Bevacqua, J. & Colasante, M. (2019). No lines: Observations from a pilot project to reimagine, design and implement a flexible student-centred approach to study mode selection. *Journal of University Teaching & Learning Practice*, 16(2). Retrieved from <https://ro.uow.edu.au/jutlp/vol16/iss1/2>

Educause Learning Initiative. (2010). *7 things you should know about the hyflex course model* [PDF]. Retrieved from <https://library.educause.edu/-/media/files/library/2010/11/eli7066-pdf.pdf>

Maloney, E. J. (2020, May 10). *Fall scenario #13: A hyflex model*. Retrieved from <https://www.insidehighered.com/blogs/learning-innovation/fall-scenario-13-hyflex-model>

Flipped

Blended Learning Universe. (n.d.). *Blended learning models*. Retrieved from <https://www.blendedlearning.org/models/>

Pappas, C. (2016, February 25). *Blended learning vs flipped learning: Can you tell the difference?* Retrieved from <https://elearningindustry.com/blended-learning-vs-flipped-learning-can-tell-difference>

TeachThought Staff. (n.d.). *The definition of blended learning*. Retrieved from <https://www.teachthought.com/learning/the-definition-of-blended-learning/>

Tucker, B. (2012). The flipped classroom. *Education next*, 12(1), 82-83