

To Hybrid or Not to Hybrid?

That is the Educational Question!

Dr. Calvin Rans

Associate Professor,
Faculty of Aerospace Engineering



Hybrid

adjective

having or produced by a combination of two or more distinct elements : marked by heterogeneity in origin, composition, or appearance

(Merriam-Webster Dictionary)

Hybrid Education

noun

A method of teaching which is centred around flexibility and accessibility. It aims to provide an almost equivalent learning experience for both students participating on-site and online.

(Raes et al. 2019)

How do we make two different
things nearly the same?

Do we actually want this,
and if so, why?

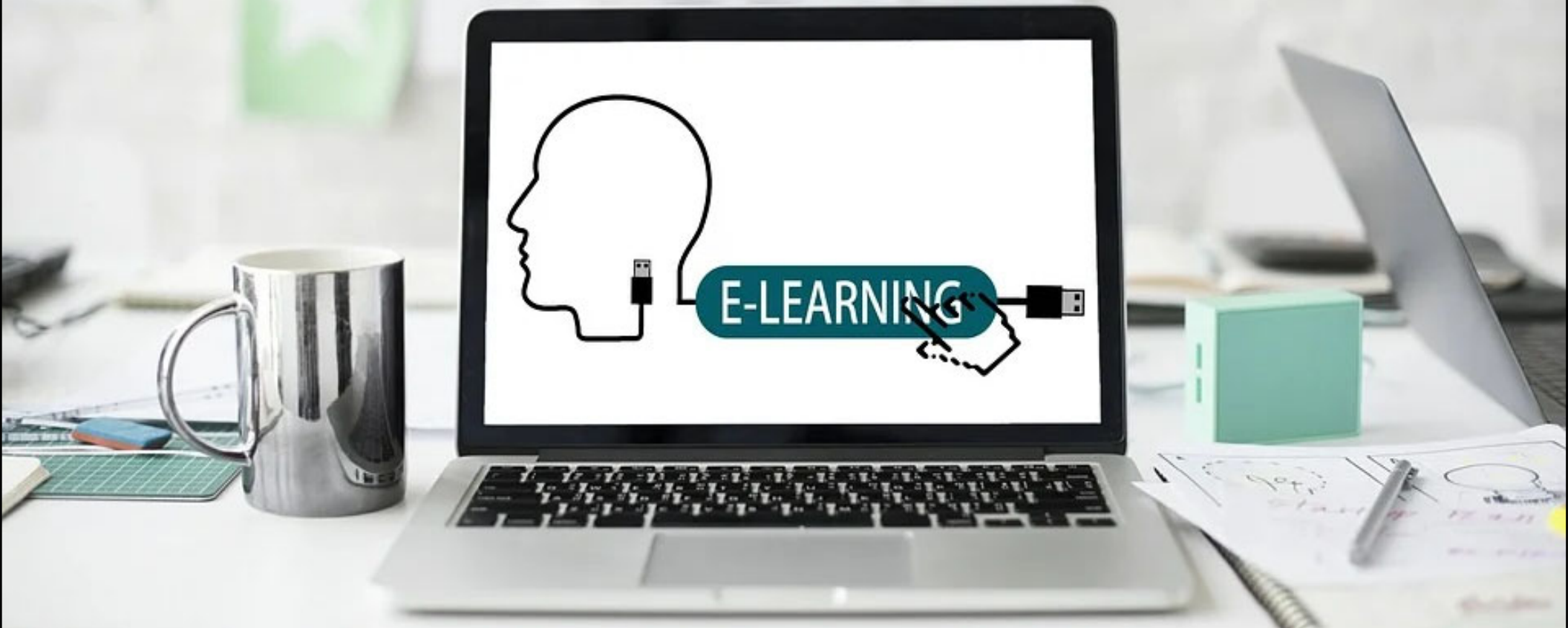


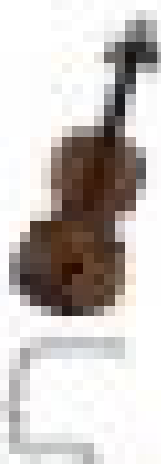
BACK 
TO THE **2020**
YEAR



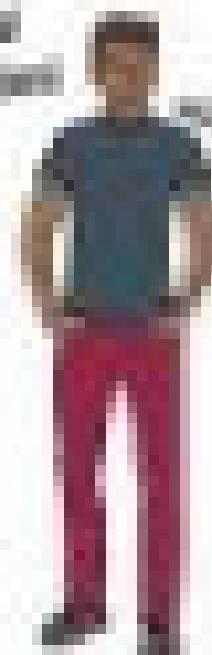


What were your challenges?





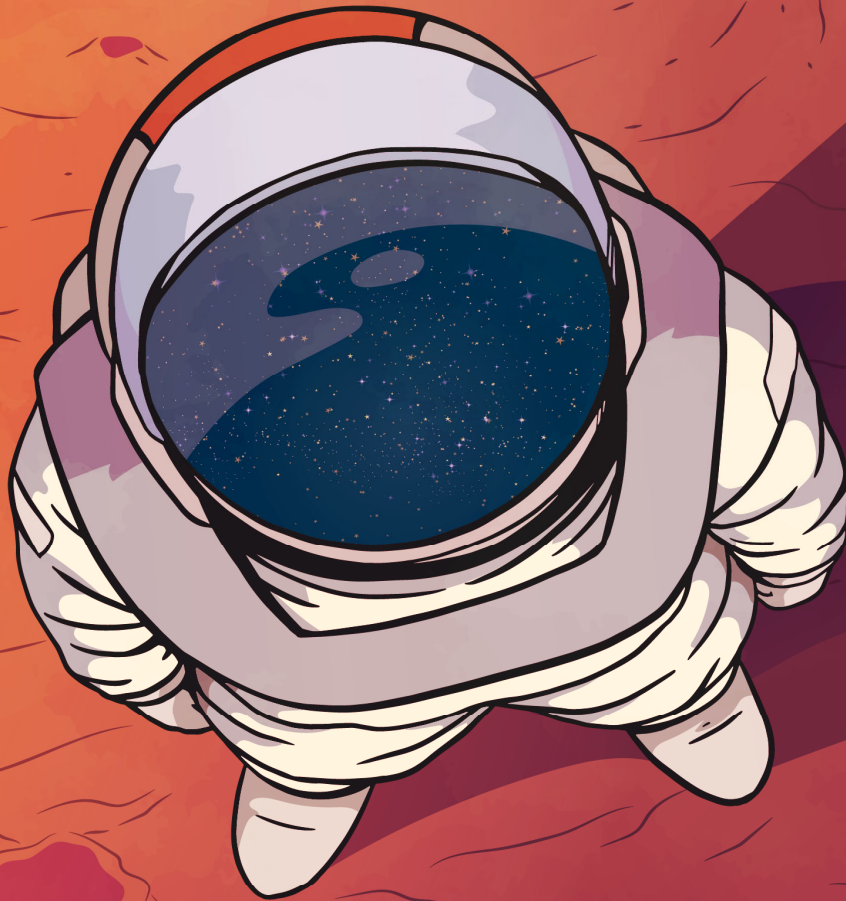
They have
cultural
connections



The Social Scientist
"Play classical music"

Online Education “Spherical Cows”

- Teaching online saves time
- Student motivation is the same online as it is on-campus
- As a teacher, I only need to worry about my own course
- My face-to-face teaching skills adequately prepare me for teaching online



REMOTE
WORK
IS IN MY
BLOOD



<https://youtu.be/hz6UwyQXRck>

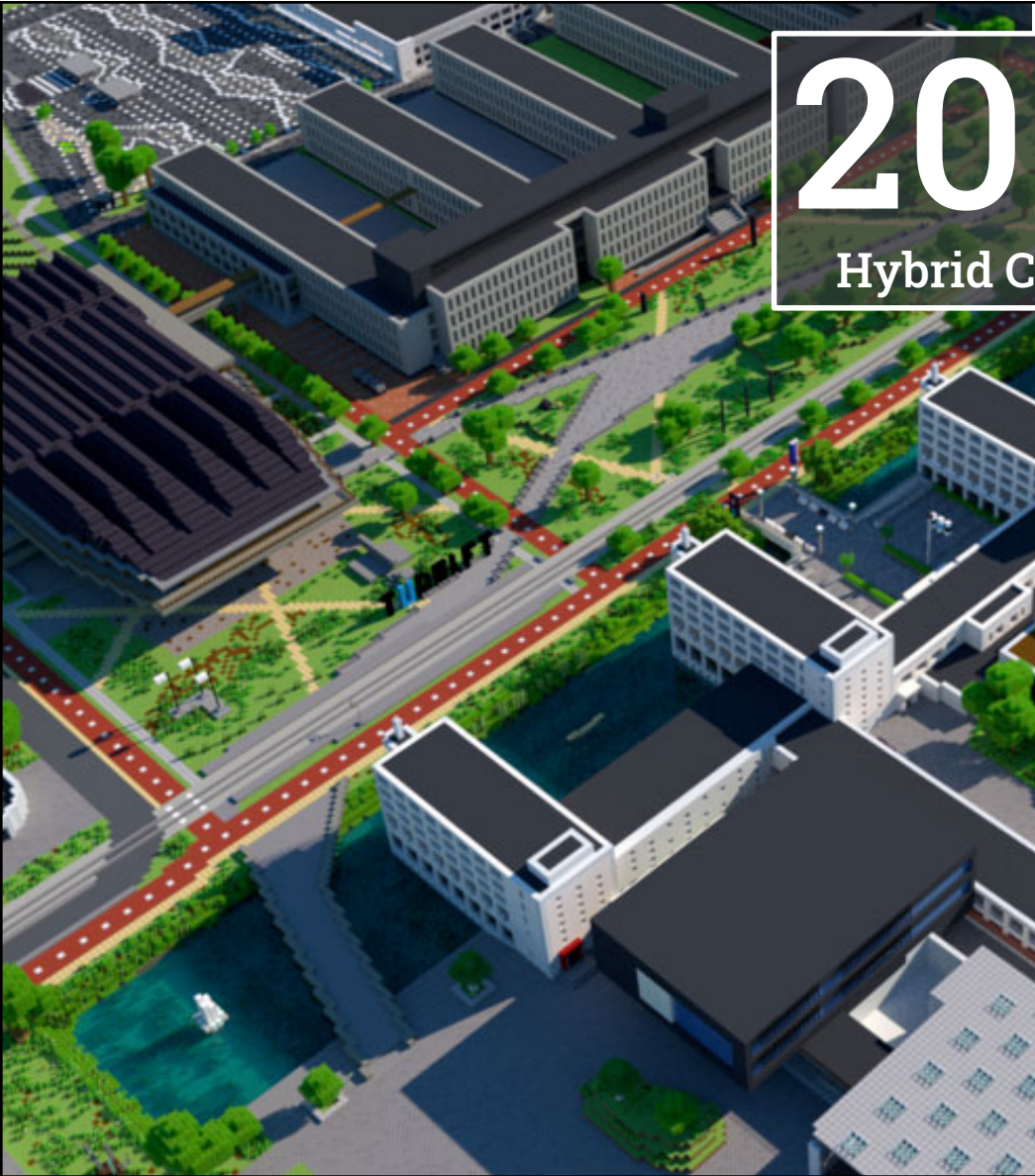
ENGINEERING
STATICS

Calvin's Lessons Learned from Online Teaching

- Transforming the mode of education within a university requires a large investment of human and financial resources
- Teacher's role needs to shift more to content curation and engagement monitoring
- An online learning environment can be detrimental to
- Teachers tend inadvertently overload students (deadlines, intermediate tests, etc.) to keep them on track
- Mutual empathy fostered by transparency is paramount!

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Hybrid Campus 1.0



Hybrid Education

noun

A method of teaching which is centred around flexibility and accessibility. It aims to provide an almost equivalent learning experience for both students participating on-site and online.

(Raes et al. 2019)

How?



Why?



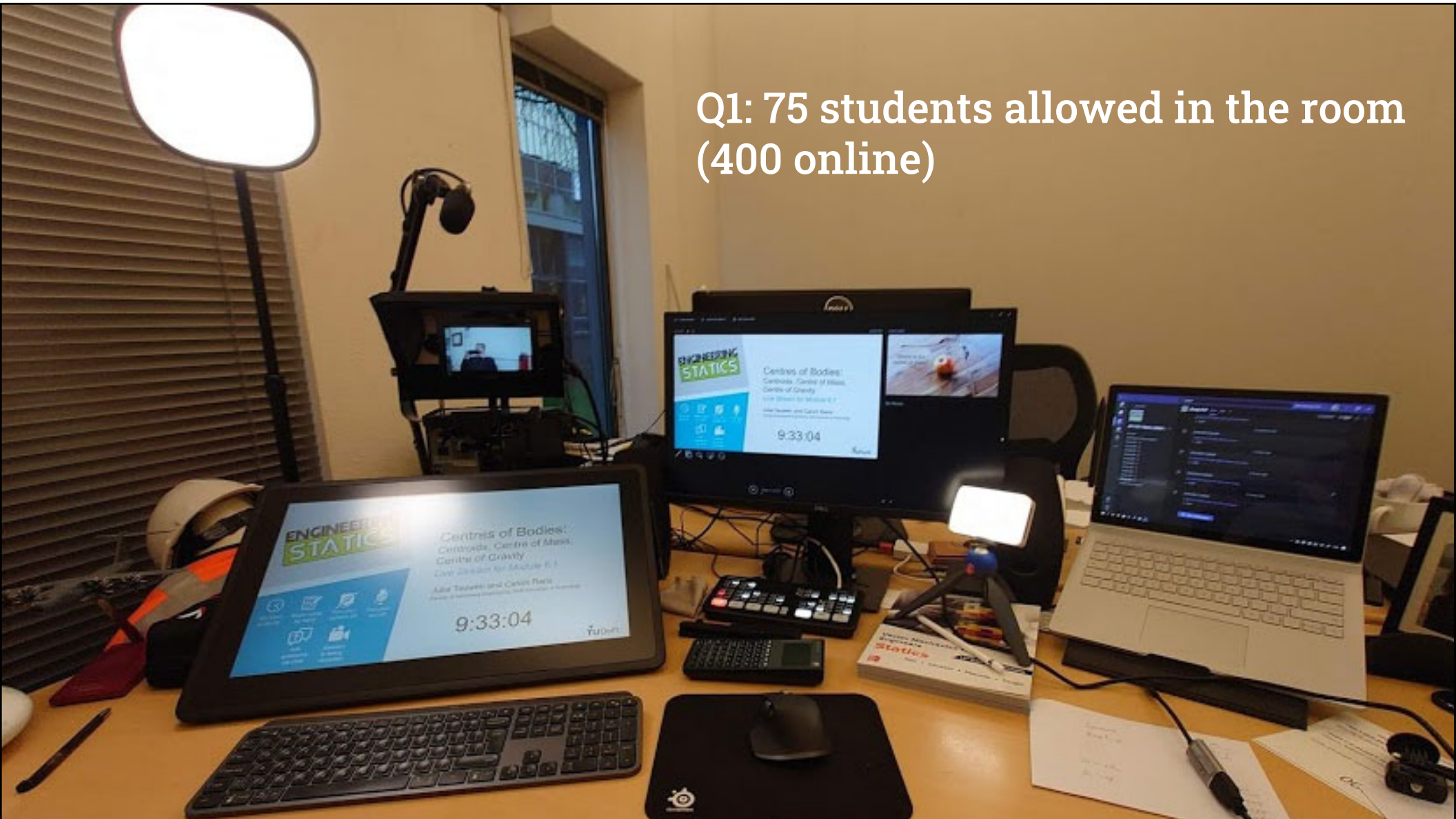
Crisis

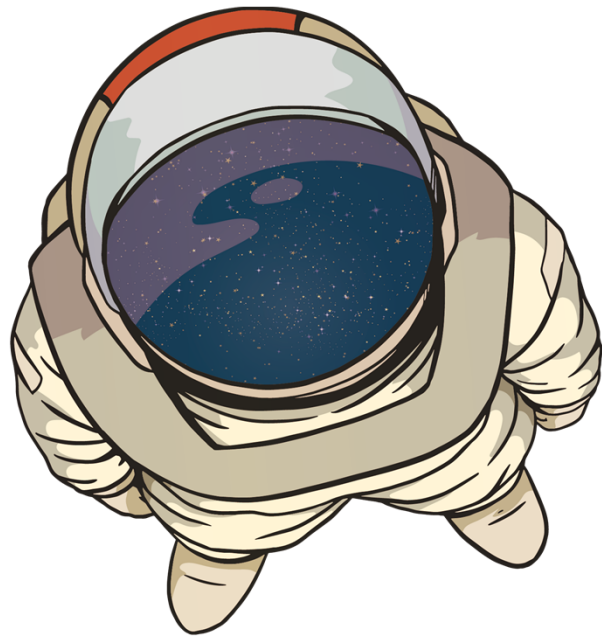


**How was your
experience in
Hybrid Teaching?**

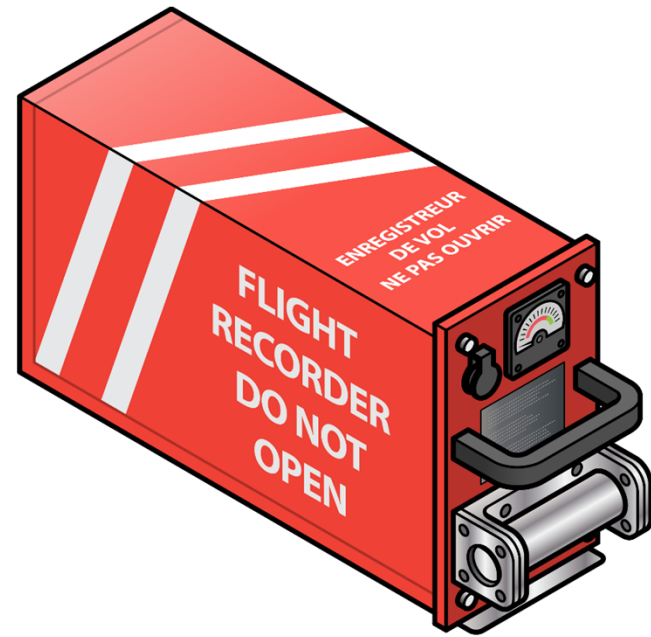
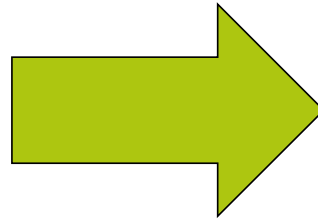


Q1: 75 students allowed in the room
(400 online)





Astronaut
(Motivation)



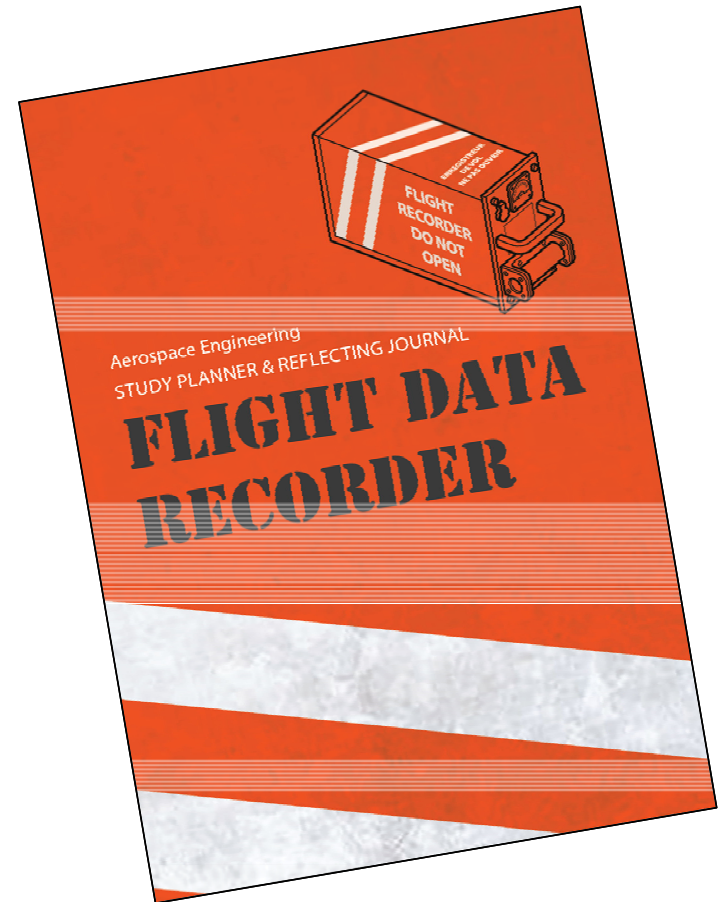
Investigator
(Self-Reflection)

The Student Flight Data Recorder

- Aerospace themed study panner and reflection journal
- Self-paced exercises with scaffolded guidance
- Not tied to a particular course or instructor
- Introduced by student mentors

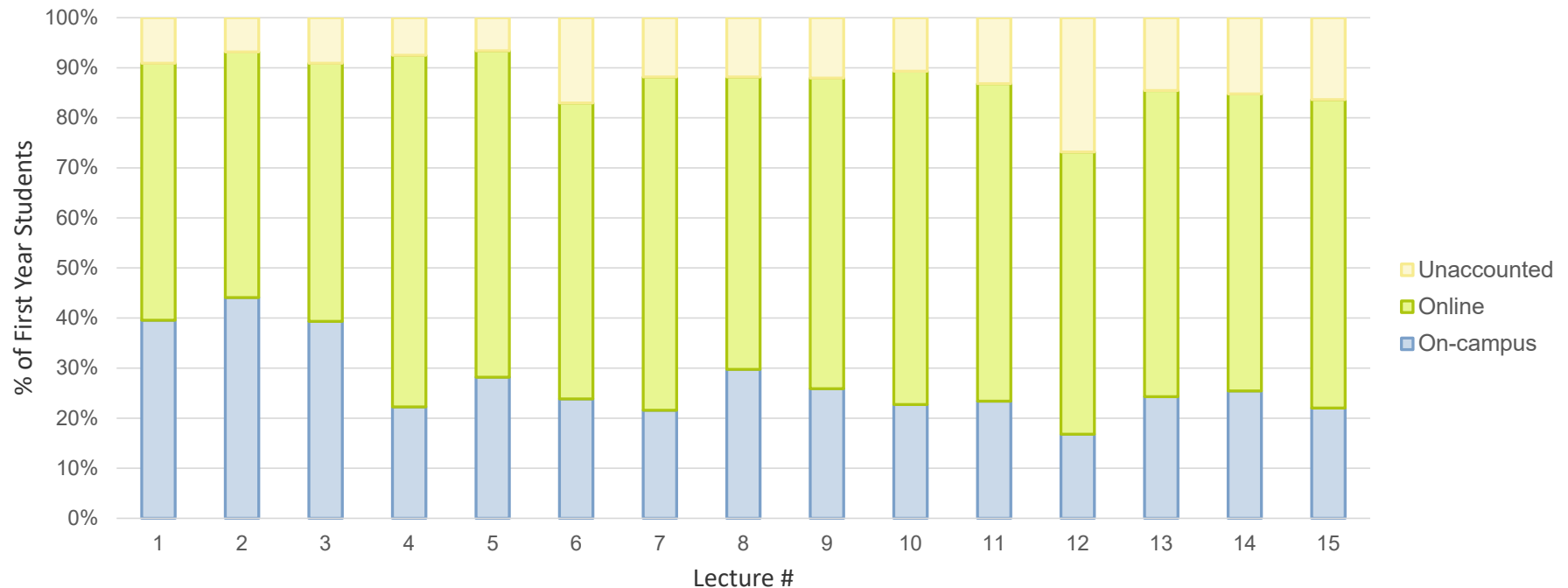


<https://youtu.be/LYjTnXXLs0w>



Calvin's Lessons Learned from Hybrid Teaching

- Hybrid education is not effective without the proper infrastructure/support
- On-campus lectures were not the thing students were missing

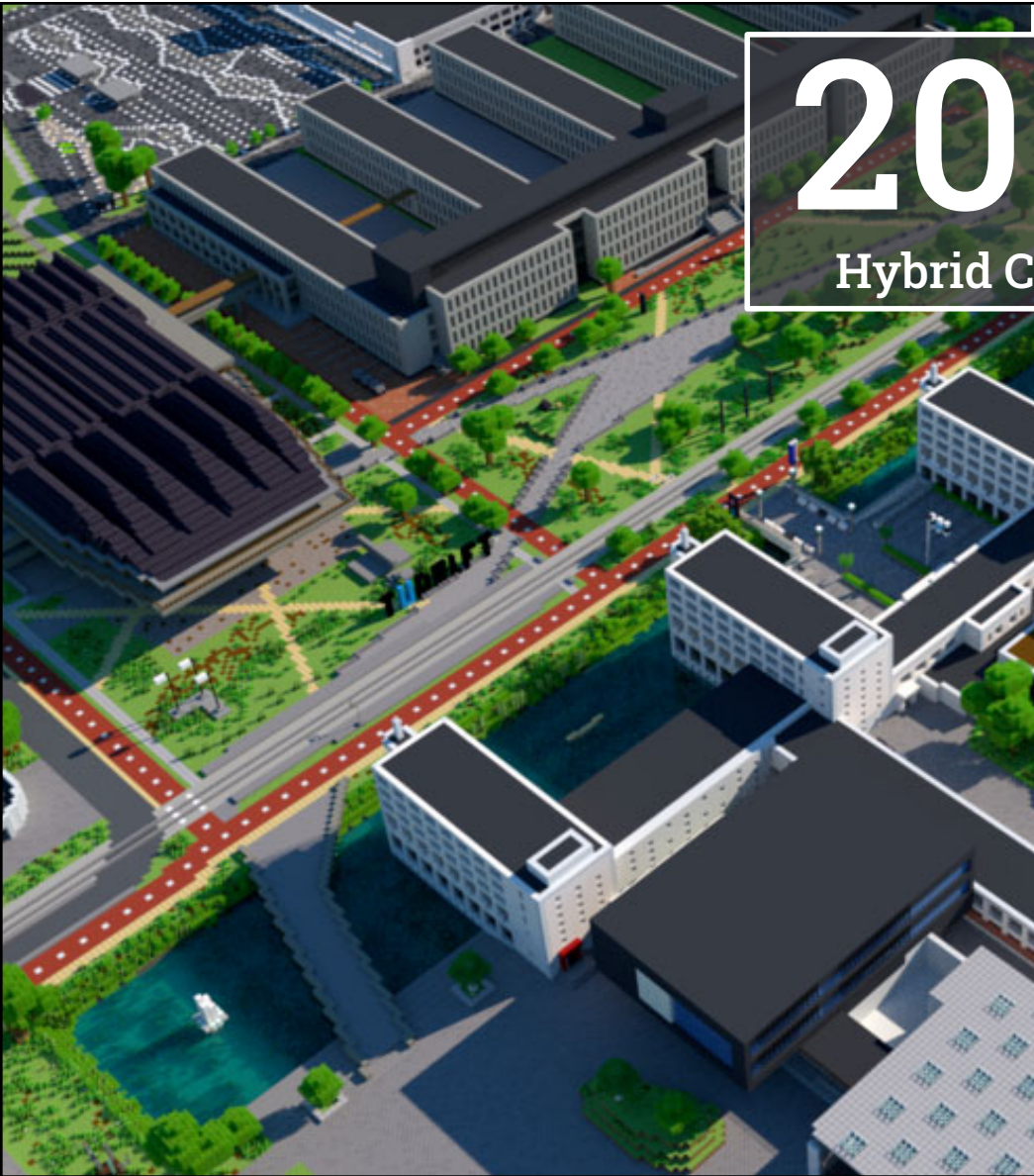


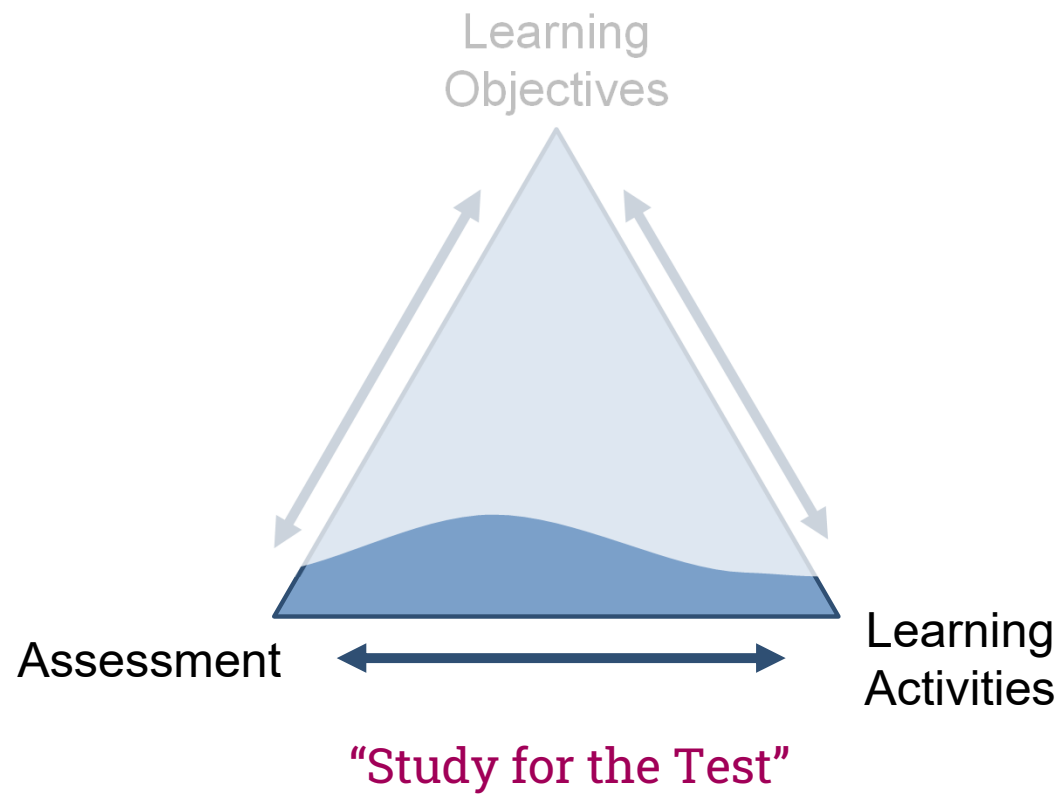
Calvin's Lessons Learned from Hybrid Teaching

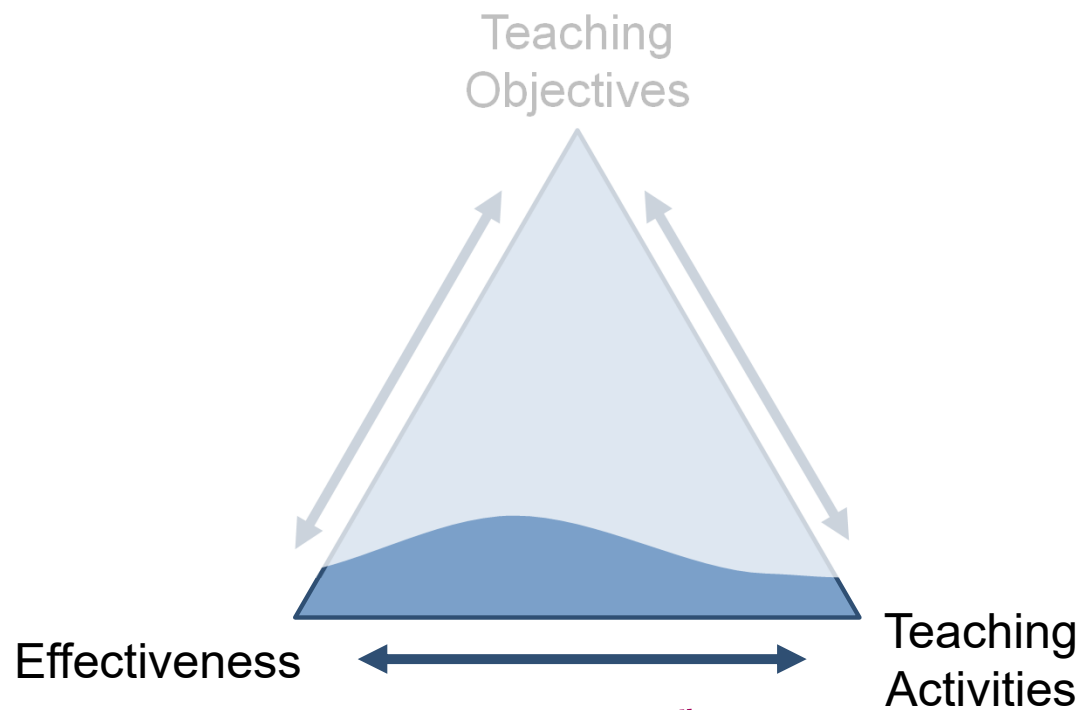
- Hybrid education is not effective without the proper infrastructure/support
- On-campus lectures were not the thing students were missing
- Increasing student flexibility requires the content-driven nature of university education to be revisited

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Hybrid Campus 2.0







"Increase Enrollment"

"Decrease Lecture Room Capacity"



Objective?

**Reduce Demand for
Large Lecture Halls**



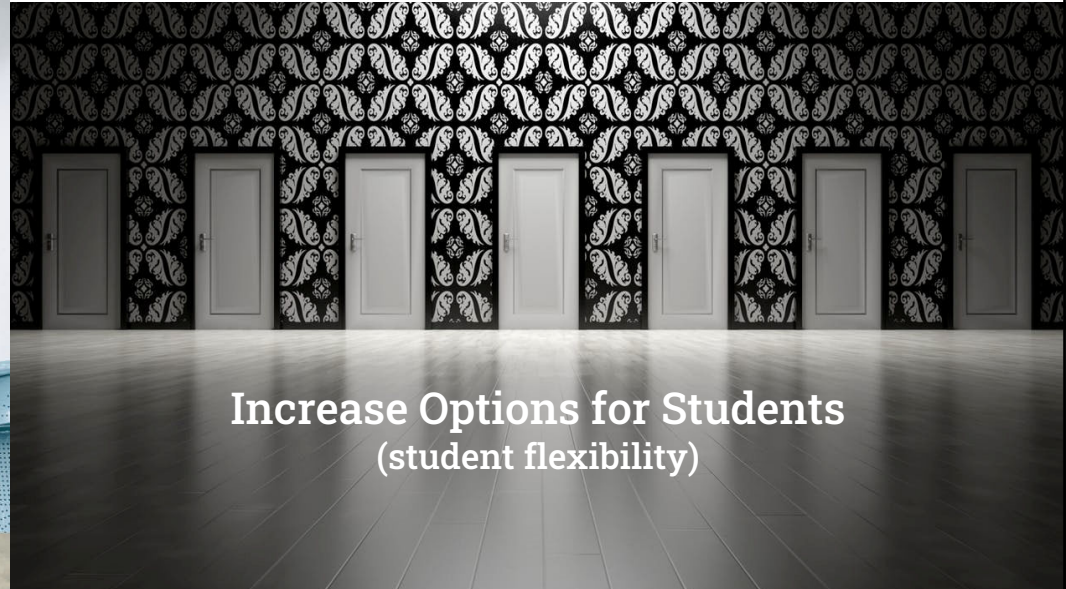
Increase Student Capacity



**Facilitate more small-
group/team learning**



**Increase Options for Students
(student flexibility)**



We start
from **WHY**

Questions