Blended learning: lessons from our experience regard response to Covid19; Faculty ITC University of Twente

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AGENDA

▪ Background of ITC and E-learning
▪ First wave of Covid19
▪ Current status of E-learning
▪ When does online learning work best?
▪ What activities need to be face-to-face?
▪ How do we "blend" using the best of online and face-to-face?
BACKGROUND OF ITC AND E-LEARNING

SOME EXAMPLES

- from around 2000 BlackBoard was used as a virtual learning environment
- in 2008 a workshop on: E-learning in surveying, geo-information sciences and land administration, as a FIG International Workshop was held in ITC
- ITC is involved in many education development projects with focus on e-learning (e.g. Teaching essentials for responsible land administration – UN-Habitat GLTN project)
- from 2017 Canvas is used as a virtual learning environment
- September 2019 we had internal workshop for e-learning within PGM department of Faculty ITC (with inventory of current and future e-learning possibilities)
FIRST WAVE COVID-19 AND EFFECTS ON OUR EDUCATION
QUARTILE 3

- We adapted to full online in less than 1 week (Support!)
- ITC staff has a lot of experience with different online tools and platforms (for EDU mainly Canvas and MS Teams)
  - Some lessons pre recorded with Q&A afterwards
  - Other lessons were recorded in Canvas with Active Learning Method
- Challenges
  - Practical's under social distancing and
  - Examination
- Benefits
  - All sessions are videorecorded
  - Freedom in time planning
CURRENT STATUS OF OUR EDUCATION
QUARTILE 4 AND NEW SCHOOL YEAR

- Big support from E-learning specialists and secretaries
- Best available virtual education platforms (Canvas, MS Teams, Zoom etc.)
- Staff survey – report will be published any moment

- New school year started parallel f2f (65%) and online (35%)
- Motto: *we will work on campus if we can and online because we can* and with
- 40% of the education capacities

- Second wave all around us, new motto:
  - *online because we can*...
QUESTIONS

- When does online learning work best?
  - Distance education + Micro lectures (recorded lectures)
  - If students prefer to be at home/preferred location/freedom in planning
  - In case of situations like Covid19
- What activities need to be face-to-face?
  - For supervised practicals
  - Exams
  - Periodical meetings
- How do we "blend" using the best of online and face-to-face?
  - For classical lectures
  - Find a way to activate students (Not for practicals)
THANK YOU