

Landeslehrpreis 2021

EDUTECH: An ed-tech seminar facilitated by Git and Discord

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Course Overview

- A weekly discussion-based seminar held online
- Discussion took place both synchronously (video meeting) and asynchronously (text-based)
- 15 student teachers participated
- Focused on the application of information and communications technology (ICT) in education

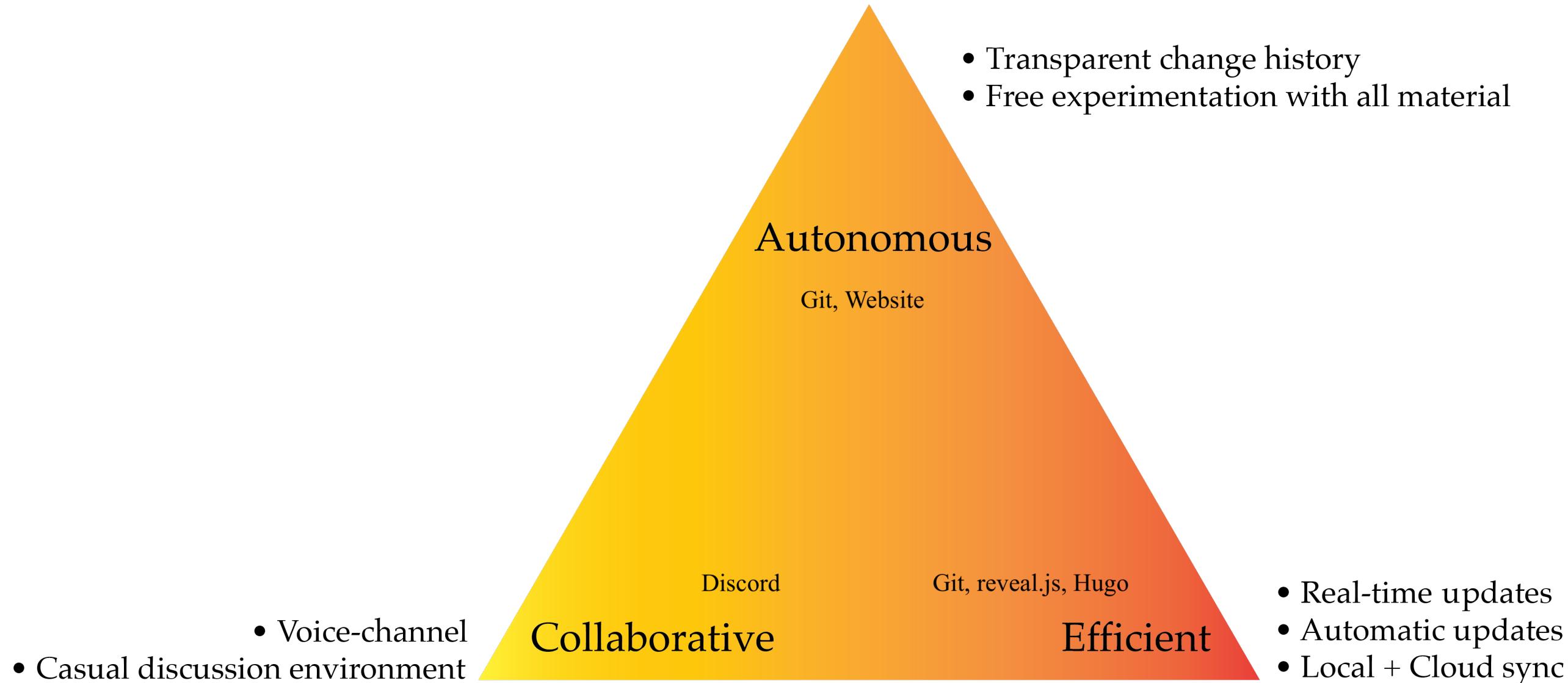


Course Topics

- Multi-Media Learning
- Embodied Learning with AR/VR
- Game-Based Learning
- Personalized and Adaptive Learning with AI
- Child Development and Technology
- Cloud-Based Learning
- Lesson-Design with Technology

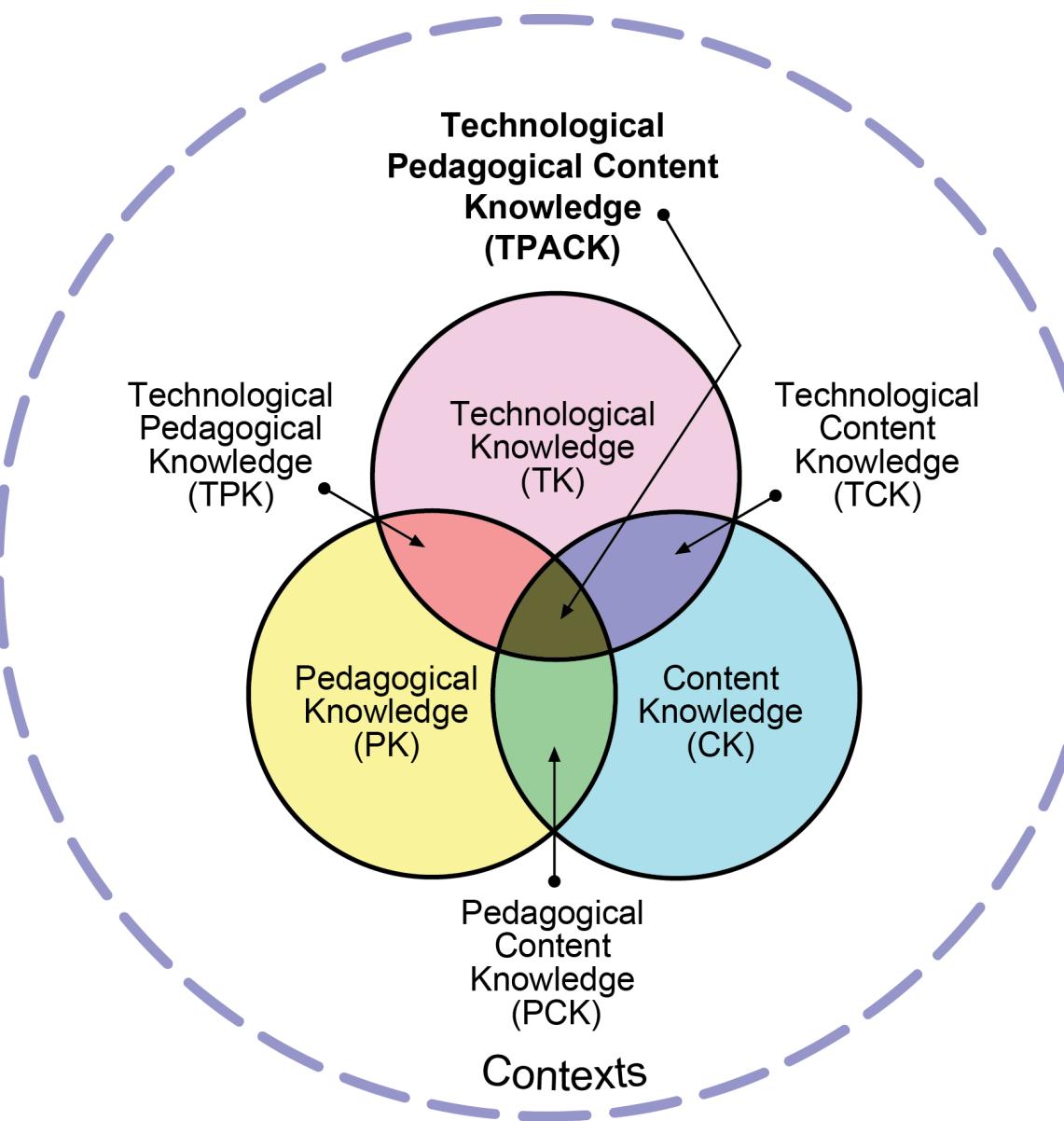


Design Philosophy





Competence Goals





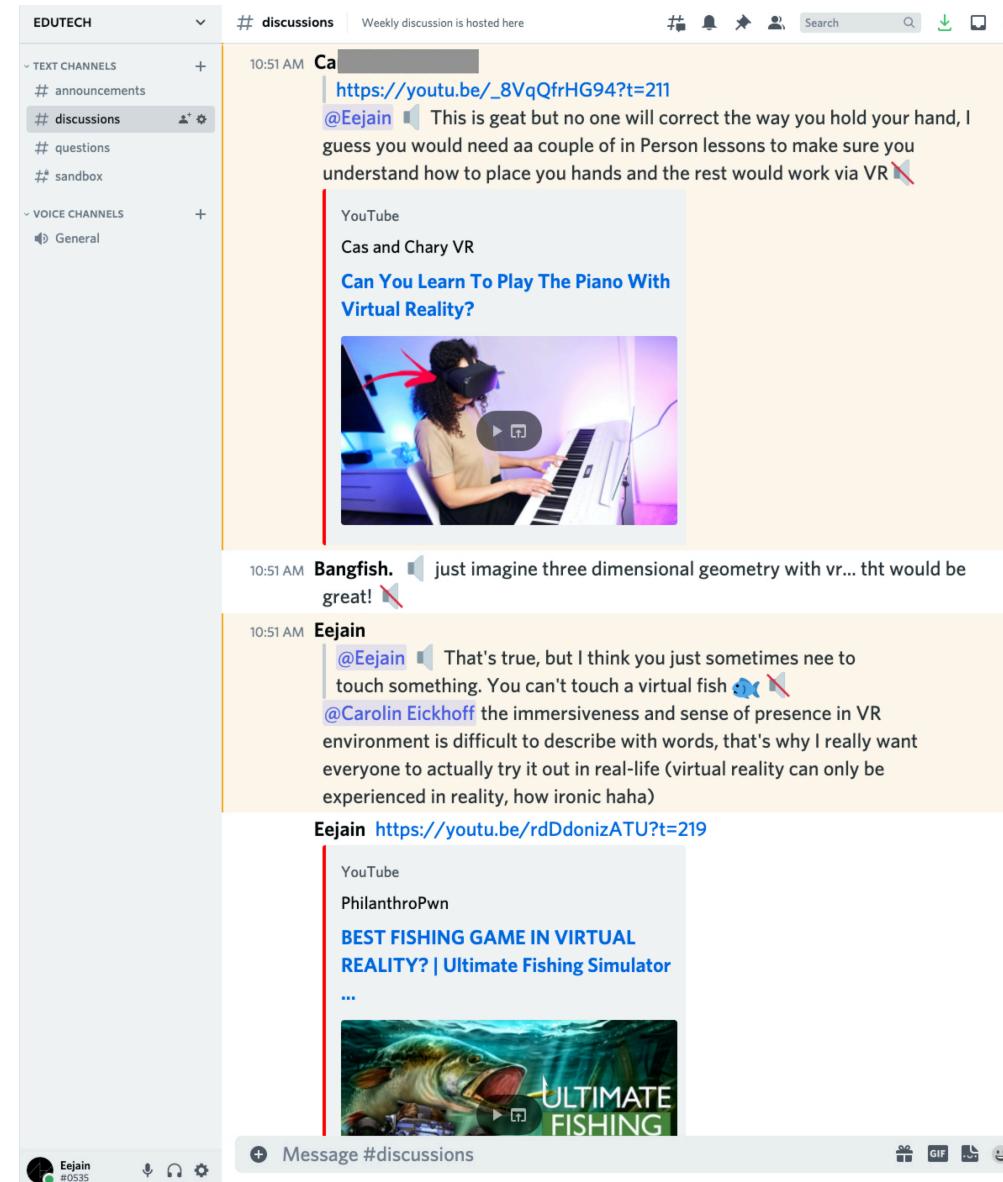
Competence Goals

- A good overview of what ICT tools are available for educators
- Able to evaluate and select digital tools for a subject
- Develop a strategy to keep up with the ever-changing field

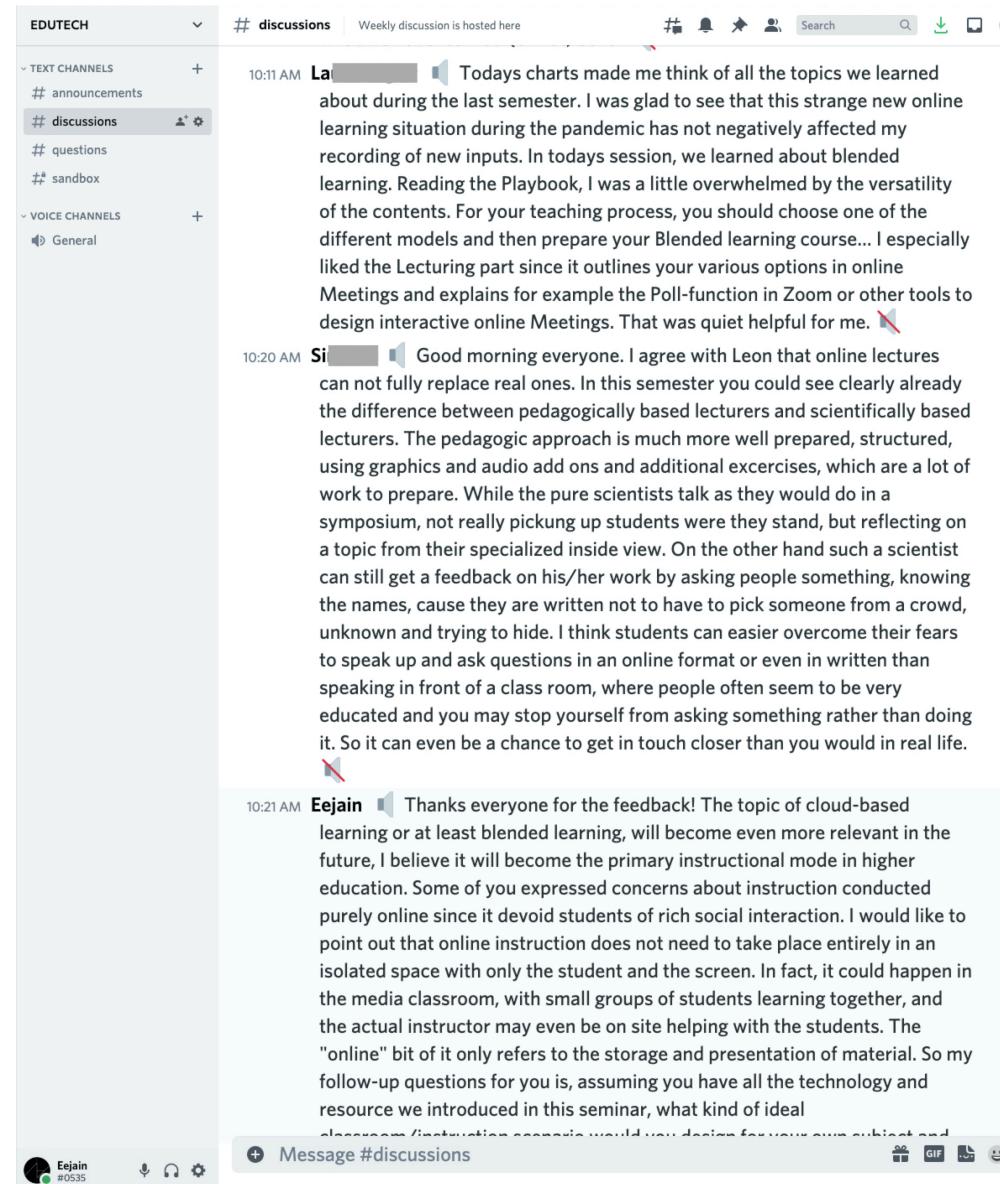
Workflow: From Student's Perspective

Step	Scenario	Task
1	Individually	Preview course content
2	In group	Attend weekly online meeting synchronously
3	Individually	Annotate the website content
4	In group	Participate in Discord discussions asynchronously

Discord Discussion Screenshot



Discord Discussion Screenshot



Sample Final Presentation

- https://miro.com/app/board/o9J_l6QydQE=/

Workflow: From Instructor's Perspective

Step	Scenario	Task
1	Individually	Prepare course content in plain text (markdown format)
2	In group	Lecture and moderate discussions during online meeting
3	In group	Participate and moderate on-line discussion

- Text files are automatically updated and compiled to presentation slides:
- All the updates are instantly visible on the website to everyone: Hugo + Git

Backend

The screenshot shows a terminal window with two tabs: 'edutech_syllabus.md' and 'bash'. The 'edutech_syllabus.md' tab displays a Markdown document with course information. The 'bash' tab shows the output of a Netlify deployment command, indicating successful hashing, CDN requests, and asset uploads, followed by a message that 'Deploy is live!'. Below the terminal, a browser window shows the deployed website at edutech.netlify.com/post/edutech_syllabus/. The website has a dark theme and features a navigation bar with 'EDU AND TECH', 'Home', 'Syllabus', 'Content', and 'Contact' links. The main content area is titled 'Course Information' and lists the course details from the Markdown file.

```
## Course Information
- **Title**: Education on the Horizon: Teaching and Learning with Technology Syllabus
- **Semester**: Winter 2019
- **Time**: 14:00 - 16:00, Thursdays (2019-10-17 – 2020-02-06)
- **Location**: 2.31 0.18
- **Course Site**: https://edutech.netlify.com/
- **Course Site Repository**: https://github.com/Eejain/edutech
- **Course Channel**: https://discord.gg/e3VpXtv
- **Modules**: 4
  - BM-BA-S4: Schultheorie und Bildungsforschung
  - M 4 – Schule und Unterricht: Analyse, Entwicklung, Evaluation
  - Wahlpflichtmodul 1: Bildung im schulischen Kontext
```

```
_site/academic-kickstart/public
Configuration path: /Users/naskuv/OneDrive/Universität Potsdam/Dirk Richter - Huang, Y. - SE - edutech/edutech
_site/academic-kickstart/netlify.toml
Deploying to live site URL...
✓ Finished hashing 74 files
✓ CDN requesting 6 files
✓ Finished uploading 6 assets
✓ Deploy is live!

Logs: https://app.netlify.com/sites/edutech/deploy/5dcfd2fe6f5ee81334c1baf37
Unique Deploy URL: https://5dcfd2fe6f5ee81334c1baf37--edutech.netlify.com
(base) MacBook-Pro-9:academic-kickstart naskuv$
```

EDU AND TECH Home Syllabus Content Contact

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Again: Design Philosophy

