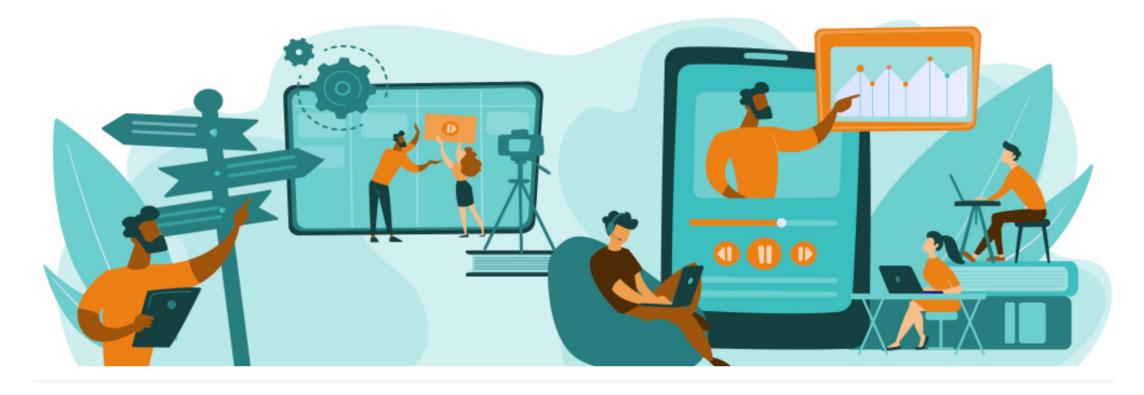
NTNU - one year after the directive

Andreas Schille – Educational video producer, NTNU





Section for teaching and learning support

- Have responsibility video based services: Zoom, Panopto, Blackboard, etc.
- In charge of courses, counceling, staff training and general support
- Courses on accessibility in digital teaching on demand
- Collaborating with both faculty and the Disabilities
 Office on accessibility + other departments
- Blackboard Ally



Clarifications

WAD not yet implemented in Norway

Digital accessibility at our university is ultimately the responsibility of faculty



Motivation vs Audit

 Motivating educators and providing useful tools is essential to reach goals on accessibility

 HE-institutions in Norway will have audit on their ICT-solutions for accessibility



What have we done

- Presentations and workshops on digital accessibility locally, nationally and internationally
- Aquired Panopto with ASR 2,5 mill views and 45700 uploads since early 2020
- Piloting of different providers of automatic and manual captioning
- General information on digital accessibility on the university website
- Project proposal on Audio description in teaching and learning



Video production and access

- Focus on the added value of educational video and media
- Pre-training and close collaboration with staff
- Integrating video services with other digital tools
- Benefits of accessibility
- Contracts



Dinmore (2019), Benefits of using captioning:

- Increased accessibility for deaf or hard of hearing viewers
- Improves comprehension for all students
- Translation into foreign languages
- Enhances foreign language Learning

Dinmore, S. (2019). Beyond lecture capture: Creating digital video content for online learning—a case study. *Journal of UniversityTeaching & Learning Practice*, 16(1), 7.

How do we do captioning

- Panopto ASR our main tool
- Teaching assistants in-sourcing,
- Providing a manual captioning service for high-end production

Solution	Evaluation
Automatic captions	Provides 80% accuracy, but often misses especially on professional terms. Dialetcs may be difficult
Corrected automatic captions	Can be done in house by learning assistants, or by professionals/ the academic community itself. Simple, but requires time/resources.
Purchase of captions from 3rd party	Expensive, but efficient.



analytisk kunstmetodologisk inngang. Det faglige innholdet er praktisk og skapende. Sign out

Quality

Speed



(Work in progress)

3rd party captioning - highest quality

ASR with clean-up

ASR

ASR - clean-up recommended

Open online courses – with credits	Closed online courses – with credits	Faculty produced recruitment films	Professionally produced recruitment films	Rectors speach / Immatriulering
Open online courses	Closed, small campus courses	Internal comm. faculty	Greetings faculty leaders	Recruiment films produced by section
Self-service recording closed	Closed, big campus courses	Videos exempt from requirements	Recording internal meetings	Webinars supported by section
Self-service recording open	Eksternal content Blackboard	Lecture capture Blackboard	Additional content by SLS	Video production from by section
Key learning material in course	Thematic learning video	Additional content on Blackboard	Science video produced by faculty	Conferences and webinars









Providers on captioning

- Nordic agreement with Amberscript
- Delivery time Quality User interface Price
- Norwegian / English
- One-stop shop when integrated with Panopto

Audio description

- Integrated audio description guiding principle
- Give feedback on scripts our current support
- Professional audio description is resource demanding

Need for more training and evaluation

Concluding remarks – one year after

- Digital accessibility is slowly improving
- More targeted effort
- We've learned a lot and still learning
- When supporting staff the focus is on benefits for students
- Faculty also pushing us to promote and aquire useful tools