NTNU - one year after the directive

Andreas Schille – Educational video producer, NTNU

/ Seksjon for læringsstøtte ⊕ English

NTNU | Seksjon for læringsstøtte

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

NTNU | Seksjon for læringsstøtte

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.

NTNU | Seksjon for læringsstøtte

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.

Search this recording 🔍

Details
Contents
Captions
Discussion
Notes
Bookmarks
Hide

Høsten fjerde studieår tilbyr vi to emner. Det ene kalles kunst og håndverks pedagogiske grunnlagspraksiser og det her er mer en innføring	0:26
i fag og forskningsfeltet kunst og håndverk didaktikk. Og kunst og håndverks pedagogikk.	0:37
Du vil få oversikt over pedagogiske hovedretninger og didaktiske grunnlagsproblemer	0:43
i fagområdet og det her kan du benytte i utviklinga av dine egne undervisningsdesign.	0:49
Parallelt undervises det i emnet kunstfagdidaktisk forskning. Det her emnet sikter mot å utvikle dine kunstfagdidaktiske	0:56
forskningskompetanse og gi deg trening i å utvikle en prosjektbeskrivelse for din egen masteroppgave.	1:03
Våren fjerde studieår tilbys kunst og håndverk - Å utforske materialer og teknikker på verksted.	1:15
I det her emnet arbeider du selvstendig med skapende arbeid med utgangspunkt i et tema eller et problemområde som du selv har valgt.	1:22
Du får trening i å knytte teori til skapende prosesser.	1:30
Høsten femte studieår har vi kunstnerisk utviklingsarbeid i kunst og håndverk. Emnet kvalifiserer deg til utforskning av	1:36
materialer, teknikker, verktøy gjennom en analytisk kunstmetodologisk inngang. Det faglige innholdet er praktisk og skapende.	1:43

▶ ⟲10 10⟳ 2:34 ━━━━━━━━━━━━━━━━━━━━━━━━━━━━ -3:45 🔊 CC | 1x Speed | 📶 Quality | ••• ⌄

Hvorfor har du valgt master i kunst og håndverk? 3:44

Andrea 4:28

VELG MASTER I KUNST OG HÅNDVERK

(Work in progress)

Legend

Color	Meaning
Dark green	3rd party captioning - highest quality
Light green	ASR with clean-up
Cream	ASR
Yellow	ASR - clean-up recommended

Matrix

Axes: Visibility (top-left), Strategic (top-right), Learning (bottom-left), Ownership (bottom-right)

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

Prioritise - getting an overview of the resources needed

NTNU | Seksjon for læringsstøtte

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