

# LLT

## EDUCATIONAL TECHNOLOGY



### TEACHCENTER

#LearningManagementSystem #LMS  
#DigitalTeachingAndLearning #Moodle

- Learning platform
- Homework, group work, attendance tracking, peer assessment and more
- Linked to TUGRAZonline and TUbe
- Grading compliant with GDPR and copyright



<https://tc.tugraz.at>



tc@tugraz.at



### OTHER LEARNING PLATFORMS

#LearningManagementSystem  
#LMS #Moodle

- Operation, maintenance and support of Moodle instances for the University Preparation Programme, LifeLongLearning and eCampus (collection of methods and use cases for digital teaching)



<https://moodle.vguh.at>



<https://lltc.tugraz.at>



<https://e-campus.st>



### VIDEO & ANIMATION

#EduVideoProduction #EducationalFilms  
#StudioPresentation #ScreenRecording  
#AnimatedVideos #EduPodcasting

- Production of teaching and learning videos
- Video studio with green screen
- Audio studio, e.g. for podcasts



vaprod@tugraz.at



### TUBE

#VideoManagement  
#Recording #Livestreaming  
#AutomatedSubtitles

- Video platform for teaching and learning videos
- Lecture recordings and live streaming
- Linked to the TeachCenter



<https://tube.tugraz.at>



tube@tugraz.at

LET ME TEL  
YOU ABOUT  
eEDUCATION.



iMooX

#MassiveOpenOnlineCourses #Free  
#OpenLicences #FlippedClassroom

- Free online courses at university level
- Openly licensed using Creative Commons – freely reusable
- Courses created by numerous Austrian and international universities and educational institutions



<https://iMooX.at>



office@iMooX.at



## INSTRUCTIONAL DESIGN

#MediaDidactics #Support  
#TechnologyEnhancedLearning

- In-house trainings, media-didactic coachings
- Media-didactic design for teaching and learning platforms, teaching materials and learning videos
- Piloting and evaluation of new learning technologies
- Events on new teaching and learning technologies as well as staff and student interaction



## LEARNING LAB

#Innovation  
#SchoolApps

- Research projects on teaching and learning technologies
- Student projects and theses
- Support in the area of STEAM education (e.g. Maker Education, computer science and digital education)



<https://learninglab.tugraz.at>



## ACCESSIBILITY

#Accessibility #EducationForAll  
#NoBarriersInEducation #LowBarriers

- Coaching for creating accessible teaching and learning materials
- Providing accessible platforms and materials



## MICRO CREDENTIALS

#ContinuingEducation #Certificate  
#LifeLongLearning

- Platform for professional continuing education
- University certificates
- Cooperation with iMooX.at



<https://microcredentials.at>



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## COOPERATIONS

#Collaboration #Exchange  
#Networking

- Projects both within the TU as well as with national and international universities and educational institutions
- European cooperations, e.g. with the European MOOC Consortium and the meta platform MOOChub (<https://moochub.org/>)
- Inter-university cooperation in the European university alliance UNITE!



<https://metacampus.unite-university.eu/>



## AI & LEARNING ANALYTICS

#Visualisation #Gamification  
#Personalisation #AI

- Integration of AI for teaching and learning purposes
- Continuous improvement of teaching and learning environments, e.g. Creator's Dashboard on iMooX.at
- For students: optimising learning behaviour and increasing studyability, e.g. with the Student Dashboard in TUGRAZonline



## OER

#OpenEducationalResources #CreativeCommons  
#FreeEducationalMaterials

- Development and provision of openly licensed teaching and learning materials
- Consultation and further education on creating OER, e.g. via in-house training
- fnma-accredited OER certification for teachers OER Repository and interfaces incl. connection to OERhub.at



<https://oerhub.at/>

# LLT AT A GLANCE

## TeachCenter

Teaching and learning platform

## TeachCenter Exam

E-assessment platform

## Other Learning Platforms

VGUH, LLL and eCampus

## TEducation

Articles, user guides and podcasts

## Video & Animation

Video production

## TUbe

Video platform, live streaming, lecture recordings

## iMooX

Massive Open Online Course platform

Graz University of Technology  
Educational Technology  
telucation@tugraz.at  
Münzgrabenstraße 36/1  
8010 Graz

## Microcredentials

Professional development

## Instructional Design

Coaching, continuing education, media-didactic design

## Cooperations

TU-internal, national and international projects

## Learning Lab

Research projects on educational technologies

## AI & Learning Analytics

Data analysis and processing

## Accessibility

Inclusive teaching and learning materials for all

## OER

Free and openly licensed educational resources