

# 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>



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## TEACHCENTER EXAM

#E-Assessment #DigitalExams  
#Moodle

- Exam platform
- Assignments and exams
- Linked to TUGRAZonline, two other examination platforms
- Grading compliant with GDPR and copyright



<https://exam.tugraz.at>



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## 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://llt.tugraz.at>



<https://e-campus.st>



## TELUCATION

#TechnologyEnhancedLearning  
#MediaDidactics #CollectionFolder

- TELucation articles as inspiration for your own technology-enhanced teaching
- Step-by-step guides for platforms and teaching applications at TU Graz
- Podcasts about teaching at TU Graz



<https://telucation.tugraz.at>



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## 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](mailto: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](mailto: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>



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MICRO  
CREDENTIALS

#ContinuingEducation #Certificate  
#LifeLongLearning

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



<https://microcredentials.at>



[office@microcredentials.at](mailto:office@microcredentials.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



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/>



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>



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



ACCESSIBILITY

#Accessibility #EducationForAll  
#NoBarriersInEducation #LowBarriers

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



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

### TElucation

Articles, user guides and podcasts

### Video & Animation

Video production

### TUbe

Video platform, live streaming, lecture recordings

### iMooX

Massive Open Online Course platform

### 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

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