eScout Academy: Training Students to Support Digital Education

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A quick question:

How much experience do you have with the eScout Academy?

A. I earned a certificate
B. I enrolled during SoSe, but did not earn a certificate
C. I enrolled (or encouraged my tutors to enroll) this WiSe
D. I have no experience with the eScout Academy

https://answergarden.ch/1536803
Outline

About the eScout Academy

• Background
• General info about the Academy
• What we learned in SoSe
• What eScouts Learn
• Looking Ahead
A bit of history

Background

- Instructional Design Initiative
- Inspiration from Medical Education Center
SoSe 2020: A Guide to Emergency Remote Teaching

Participants
• Open to all faculty, staff, and students
• Over 500 enrolled

Pacing
• Completely self-paced
  • Resources are always available
  • Activities designed to accommodate varying participation times

Modules
• Basics of Pedagogy
• Video Production
• Moodle Course Design
• (later) Online Tutorials
WiSe 2020/21: A Guide to Quality Online Teaching

Participants

• Open to all students
• About 40 enrolled

Pacing

• Mix of self- and instructor-paced
  • Resources are always available
  • Activities follow a set schedule

Modules

• Basics of Pedagogy
• Moodle Course Design
• Online Tutorials
• Instructional Videos
• eAssessment
• Activities
Survey Results

Overview
- Data analyzed 7. May 2020
- Total # of participants = 431
- Total # of survey responses = 235 (55%)

Participants
- 40% undergraduate students, 40% Master’s students
- At least 15 different departments represented
Survey Results

Previous experience with online education

- 20% of participants had **never** taken an online course
- Nearly 80% of participants had **no experience creating an online course**
- About 95% had **some experience with Moodle** (mostly to take a course)
- 80% rated self as “**beginner**” in Moodle course creation **skills**
Survey Results

Goals for participating in eScout Academy

• Principles of online teaching: 44%
• Moodle authoring skills: 30%
• Video production 23%
Content

Module: Pedagogy

• Constructive Alignment
  • How to design a course (or unit, or lesson, …)
• Learning Outcomes
Content

Module: Moodle

- Using Moodle
- Creating learning communities
Content

Module: Online Tutorials

• Identify components of a tutorial
• Recreate these components online
• Provide feedback to students online
**Module: Instructional Videos**

- Different styles of instructional videos
- Create and edit own instructional video
- Make video available on Moodle via Panopto
Content

Module: eAssessment

- Difference between formative and summative assessment
- Cost/benefit analysis of holding assessments online
- Create assessment in Moodle
Content

Module: Activities

• Benefits of active learning
• Create active learning elements in Moodle
• Using tools outside of Moodle
eScouts Contributions to TUM

Skills

• Moodle course designing, editing, …
• Video creating, editing, uploading, …

Knowledge

• Quality course (module/unit/lesson/…) design
• Improved learning outcomes
Looking Forward: A Guide to Quality Hybrid Teaching

Participants

- Open to all students
- Instructional Design Initiative
- Student Information Officer

Modules

- Basics of Pedagogy
- Moodle Course Design
- Online Tutorials
- Instructional Videos
- eAssessment
- Activities

Redirect content away from pure online teaching to hybrid teaching

- Enhancing classroom teaching with technology
- Utilizing Moodle to support classroom teaching
Feedback:

What changes would you like to see in the eScout Academy moving forward?

https://answergarden.ch/1536814

How could an eScout support you?

https://answergarden.ch/1537025
Thank You

The eScout Academy

- Supporting quality digital education at TUM
- ... from Emergency Remote Teaching in SoSe 2020
- ... to Quality Online Teaching in WiSe 2020/21
- ... to Quality Hybrid Teaching sometime in the future…

Join us today!

- For more information, see our website: https://www.prolehre.tum.de/angebote/escout-academy/
- eScout Academy on Moodle: https://www.moodle.tum.de/course/view.php?id=53397
- eScout Academy on TUMonline