MICROCASA
MICRO-**c**redentials for life-long learning and employability

Unlocking the potentials of Micro-Credentials

www.microcasa.eu

Partner logos:
- UNIVERSITÄT DES SAARLANDES
- uc3m Universidad Carlos III de Madrid
- Università Europea di Roma
- CIMEA
- GIRAF PM
- USM UNIVERSITI SAINS MALAYSIA
- UNIMAS UNIVERSITI MALAYSIA SARAWAK
- UNIVERSITAS BRAWIJAYA
- UNIVERSITAS SAM RATULANGI MANADO
- UNIVERSITY OF THE PHILIPPINES
- ATENEO

Team members:

Armin Weinberger
UNIVERSITAT DES SAARLANDES
Germany

Carlos Delgado Kloos
UNIVERSIDAD CARLOS III DE MADRID
Spain

Aniello Merone
UNIVERSITA DEGLI STUDI EUROPEA
Italy

Manuela Costone
ASSOCIAZIONE CIMEA
Italy

Andrey Girenko
GIRAF PM e.K.
Germany

Radziah Adam
UNIVERSITI SAINS MALAYSIA
Malaysia

Narayanan Kulathuramaiyer
UNIVERSITI MALAYSIA SARAWAK
Malaysia

Achmad Basuki
UNIVERSITAS BRAWIDJAJA
Indonesia
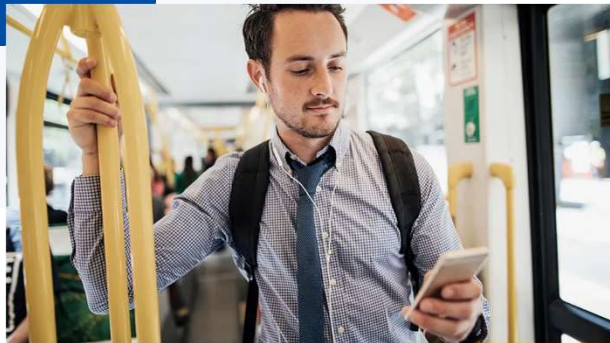
Alwin Sambul
UNIVERSITAS SAM RATULANGI
Indonesia

Peter Sy
UNIVERSITY OF THE PHILIPPINES SYSTEM
Philippines

Dennis B. Batangan
ATENEO DE MANILA UNIVERSITY
Philippines

Learning Nuggets

Non-formal

Micro-learning - **A new approach**

Characteristics of Micro-courses

- On demand, learner-driven and self-paced:
  Micro = 5 – 10 mins learning nuggets

- A multitude of micro-moments of learning

- Testing and Feedback for Learning:
  The central role of assessment
  (e.g., tools like Quizzer, Quizlet)
  - Learner activation
  - Immediate and personalized feedback
  - Personalization of the learning experience

- What you test is what you get:
  Micro-Certificates

References

De Gagne, J. C., Park, H. K., Hall, K., Woodward, A., Yamane, S. S., & Kim, S. S. (2019). Microlearning in Health Professions Education: Scoping Review. *JMIR Medical Education*, *5*(2), e13997. https://doi.org/10.2196/13997

Liu, H. (2020). Design and Application of Micro course in Fundamentals of Computers. *International Journal of Emerging Technologies in Learning (Ijet)*. https://doi.org/10.3991/ijet.v15i11.14523

Shail, M. S. (2019). Using micro-learning on mobile applications to increase knowledge retention and work performance: A review of literature. *Cureus*. https://doi.org/10.7759/cureus.5307

Taylor, A., & Hung, W. (2022). The Effects of Microlearning: A scoping review. *Educational Technology Research and Development*, *70*(2), 363–395. https://doi.org/10.1007/s11423-022-10084-1

Micro-certificates
A new University mission

01 "Theory without practice is empty; Practice without theory is blind" – rediscovering the relationship between knowledge and practice

02 Even big educational goals start with small first steps

03 Microcredentials require trustworthy institutions

04 Staying connected to alumni

05 Opening University education to society at large

Building Capacity
for Micro-Credentials

Unlocking the potential of Micro-Credentials
27. June
Scaling up design for Micro-Learning
→ AI for Education

Learning in human interaction
→ The role of study counsellors
   (A self-guided Micro-course)
→ **tinyurl.com/8k3zcmx2**

Managing Micro-Credentials
4. July
The institutional experience
→ How to provide legal, technical,
   organizational frames for micro-credentials

The university key to micro-credentials
→ Quality Management

Thank You

For Your Listening