

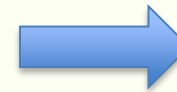


Using MOOCs for development of transversal skills

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Background



**Low
completion
rates**

Online learning approach:

- clear structure,
- defined objectives and learning outcomes,
- interaction / collaboration (co-creation),
- virtual sessions (webinars),
- extensive feedback,
- ...



**Take some and
try to integrate
them into the
MOOC
framework?**

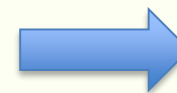
DESTINY

Delivering Employability Skills through Innovative Education using MOOCs for Youth → to enhance competitiveness

Managers: **TRANSVERSAL SKILLS** insufficiently developed

- *General/soft skills that can be used in a wide variety of situations and work settings.*

Highest mismatch between importance and satisfaction + interest of DOBA Business School



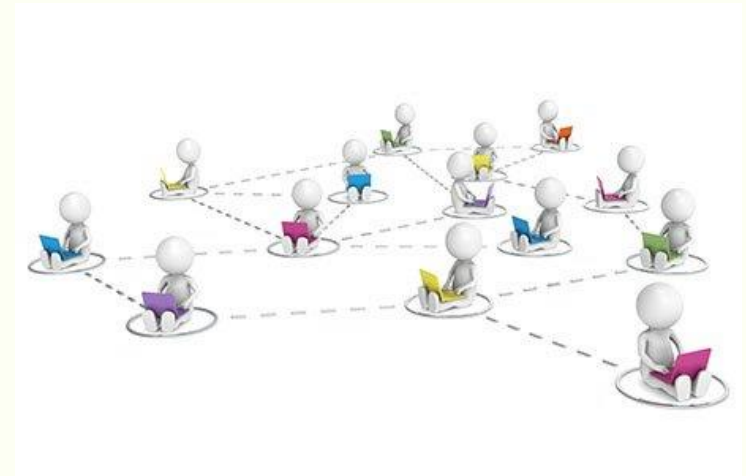
TEAMWORK

Innovative approach

Interaction + experiential
learning

MOOC Study Clubs (MSCs):

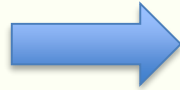
- *Interactive virtual sessions
for practicing teamwork
skills*



**H: MSCs enhance development of transversal
(teamwork) skills & contribute to higher completion
rate**

MOOC design and development

**Pilot
implementation**



**Follow up
implementation**

KEY ADJUSTMENTS

- Slovene language
- Broader target audience
- Intensified promotion and communication to attract participants
- Reduced complexity and number of assignments
- Intensity levels of participation + certificates
- Upgrade and integration of MSCs

MOOC Study Clubs

- Technical support
- Summary of key topics
- Introducing team assignment + division in virtual teams
- Working on a team assignment
 - Ice breaker
 - Team challenge
 - Reflection, discussion
- Concluding discussion + feedback

TEAM PROCESSES (DYNAMICS)

TEAM ROLES



SOLVING CONFLICTS



Evaluation method

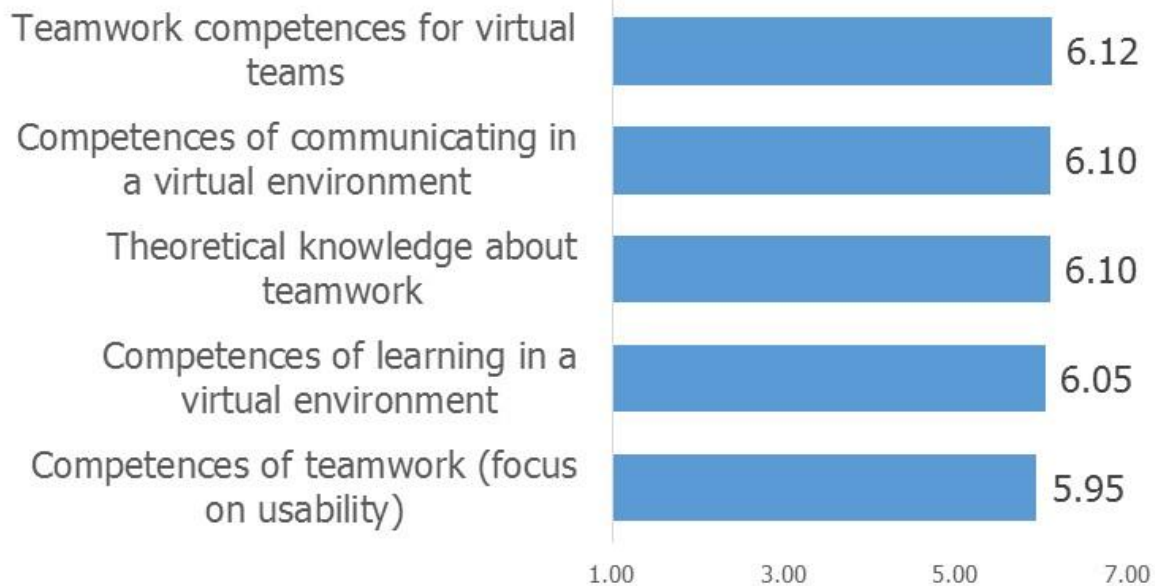
- Completion rate
 - Pilot: 3/61 → 4.9 %
 - Follow up: 37/145 → 25.5 %
- End of course survey
 - 46/145 → 31.7 %

Evaluation of the MOOC

GENERAL INDICATORS

- Overall implementation: M = 6.23
- The practicality of the course contents: M = 6.23
- The complexity of the MOOC: M = 6.10
- The complexity of provided activities: M = 6.14
- 97,7 % of respondents would recommend the course

KNOWLEDGE & COMPETENCES



Evaluation of MSCs

GENERAL INDICATORS

- The benefits of MSCs: M = 6.45
- The objective almost fully achieved: M = 6.17
- Considered as the most useful tool
- All aspects of MSCs (e.g. guidance of teachers, team assignments, reflection and discussion) were assessed as highly important for development of teamwork competences

What contributed most to development of teamwork competences?

- Combination of MOOC and MSCs (73.9 %)

Conclusions

- High satisfaction with the MOOC and MSCs + reported benefits of MSCs in developing teamwork competences
- MSCs + other adjustments (e.g. native language) => higher completion rate!
- Small markets: more opportunities to add interactive components into MOOC framework
- Further research for more precise estimates of contributions of different components (other measures of competence development?)



Any questions or comments?

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