



# M-learning in university environment

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# { CONTENT



- M-learning, mobile devices
- Didactic principles
- Online course in Blackboard
- Discussions, conclusions





# M-LEARNING

Substantial **shifts** have been detected in approaches how the information and communication technologies are used within the current period. While ten years ago the computer was the only digital device in the family or workplace, currently its role and services are taken over by other ones – smart TV, smartphones, tablets, e-readers etc.

+ gaming - "**schola ludus**", it was applied 400 years ago by a Czech humanist, scientist and "teacher of nations" Jan Ámos Komenský (Johannes Amos Comenius).





# M-LEARNING



... using mobile devices for educational purposes





# DIDACTIC PRINCIPLES



- Purposefulness
- Systematic approach
- learner's activity
- Clearness
- Awareness
- Retention
- Adequacy
- Emotionality
- Unified approval



# EFFECTIVE TEACHING STRATEGIES


## *+ Teacher:*

- a mature personality,
- a psychologist,
- a teacher,
- a subject/field expert.



# Clear and systematic approach in e-subject Czech language for foreigners

## Learning materials II



The screenshot shows a web browser window displaying a Czech language learning page. The page title is "ČEŠTINA PRO CIZINCE I" and the current lesson is "LEKCE 1: 1/9". The page is divided into sections for "ENTRY", "POZDRAVY", and "Cíle". A callout box at the bottom indicates that clicking the flag icon will display the English translation.

**1** – moves to the course content  
**2** – previous page  
**3** – next page  
**4** – page hierarchy  
**5** – page title  
**6** – lesson title  
**7** – sources offer  
**8** – current lesson  
**9** – current part / number of pages

Click the flag to display the English translation





# CURRENT ICT-TRENDS IN EDUCATION

- MOOC
- M-learning: smartphone, notebook, netbook, tablet, PDA (Personal Digital Assistant), e-reader, mp3 player, game console etc.
- Virtual desktops
- Blackboard Mobile





# CONCLUSION

Mobile learning is concerned with a society ***on the move***, particularly with the education of "... how the ***mobility of learners*** augmented by personal and public ***technology*** can contribute to the process of gaining new knowledge, skills and experience" (Sharples et al., 2012).





# CONCLUSION

The *mobile nature of mobile learners* and the application of *traditional strategies* and tools have often limited the scope of investigation to what can be observed by researchers or devices. Thus, the question what *happens while learners are on the move*, is a topic of future research → new '*mobile*' teaching strategies.





THANKS  
FOR YOUR ATTENTION

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