TALOE – Time to Assess Learning Outcomes

european university
continuing education network

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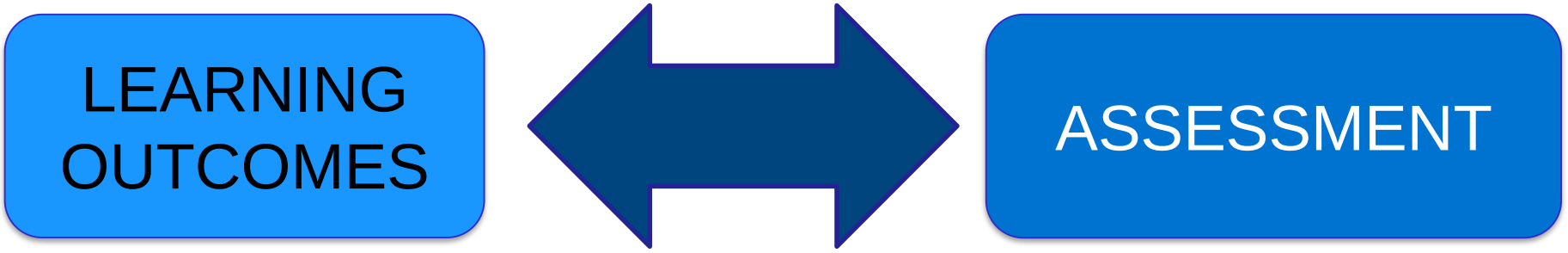
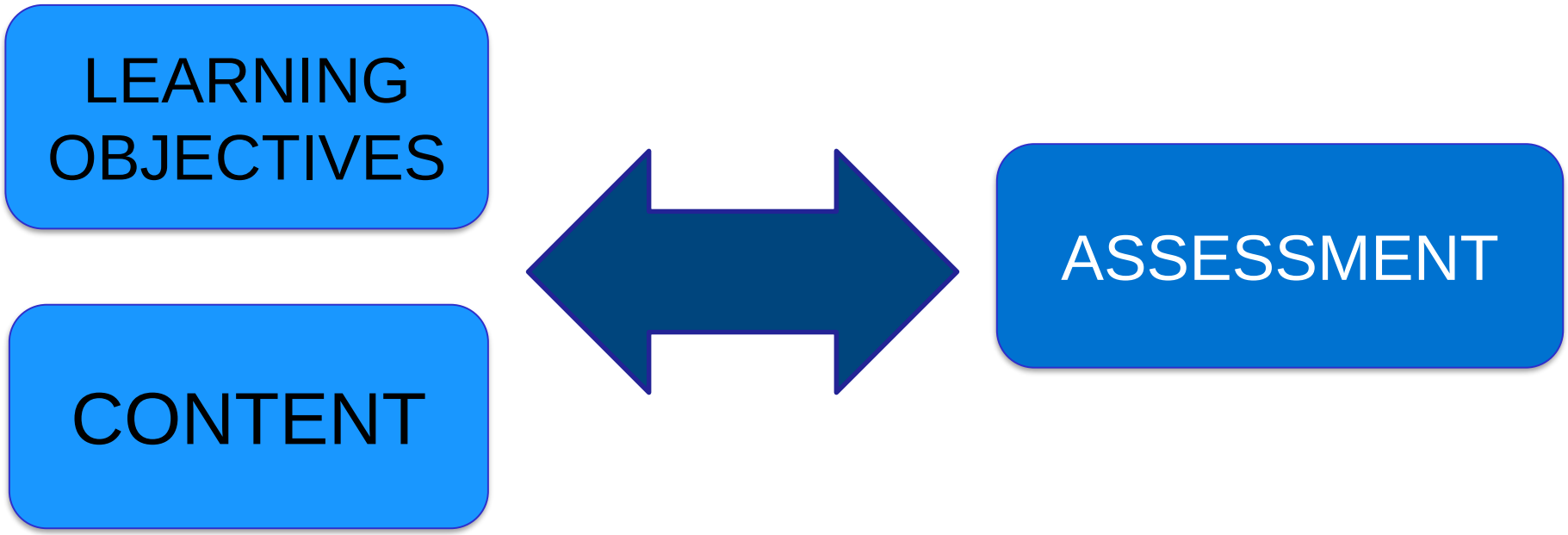
What should be assessed?



What do we hope students will learn?

How do we know that they have learned?

What will we teach our students?



Learning Outcomes

Learning outcomes are statements of what a learner is expected to know, understand and/or be able to demonstrate after completion of learning.

(AHELO - Assessment of Higher Education Learning Outcomes by OECD)

A common language, building blocks, genetic code

Learning Outcomes

Assessment: Any procedure used to estimate student learning for whatever purpose.

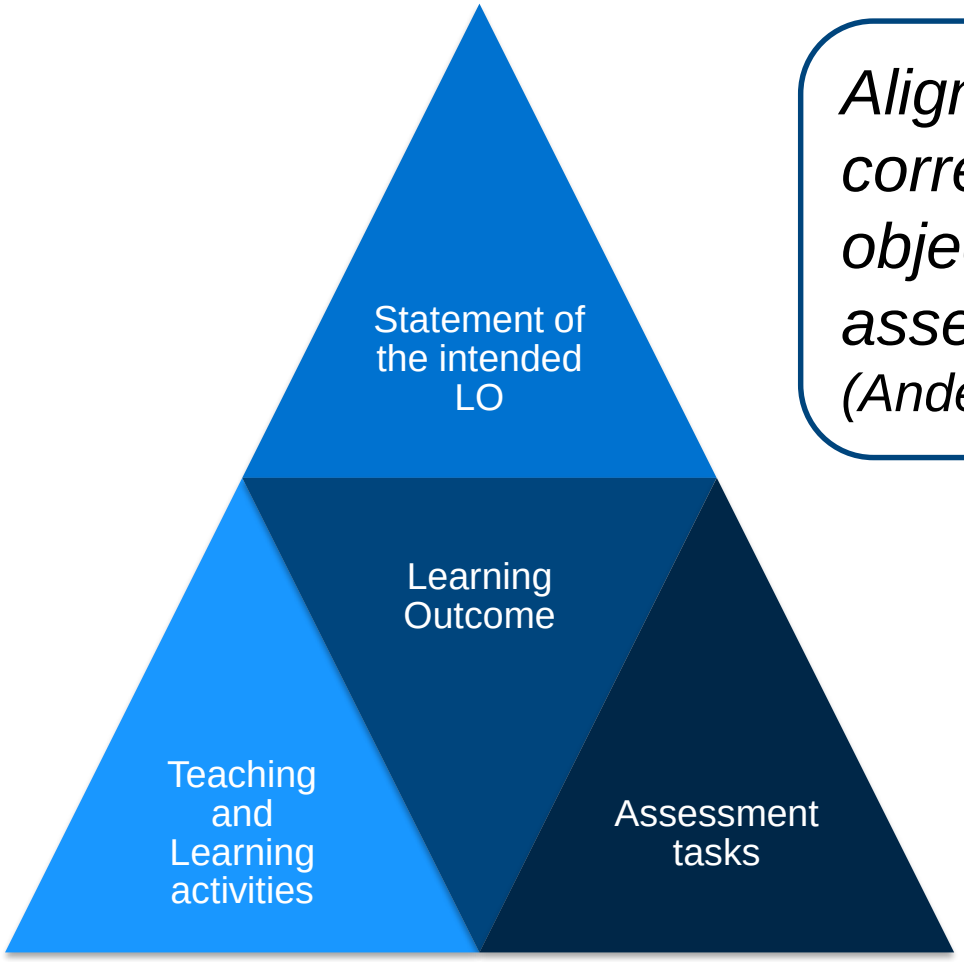
(Brown et al)

e-Assessment is the use of ICT and the Internet in particular for the assessment of learning, including design, delivery and/or recording of responses.
(JISC)

Categories of assessment

- Multiple choice questions
- Short Answer Questions
- Problems
- Essays
- Practical work
- Reflective practice

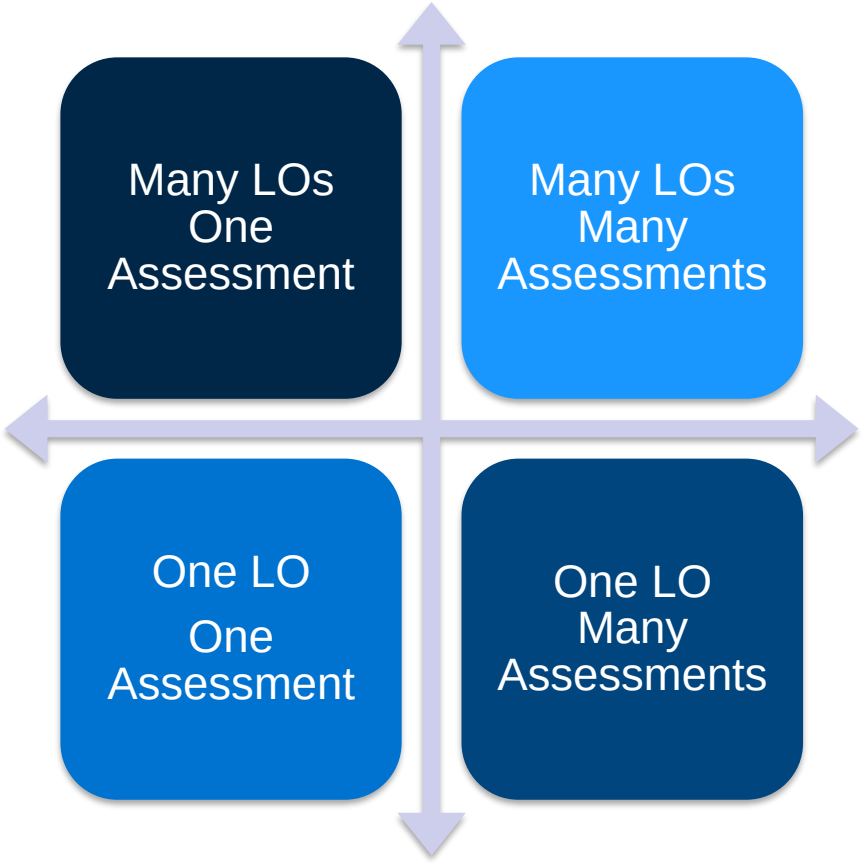
Alignment



Alignment: The level of correspondence between objectives, instruction and assessment.
(Anderson et al)

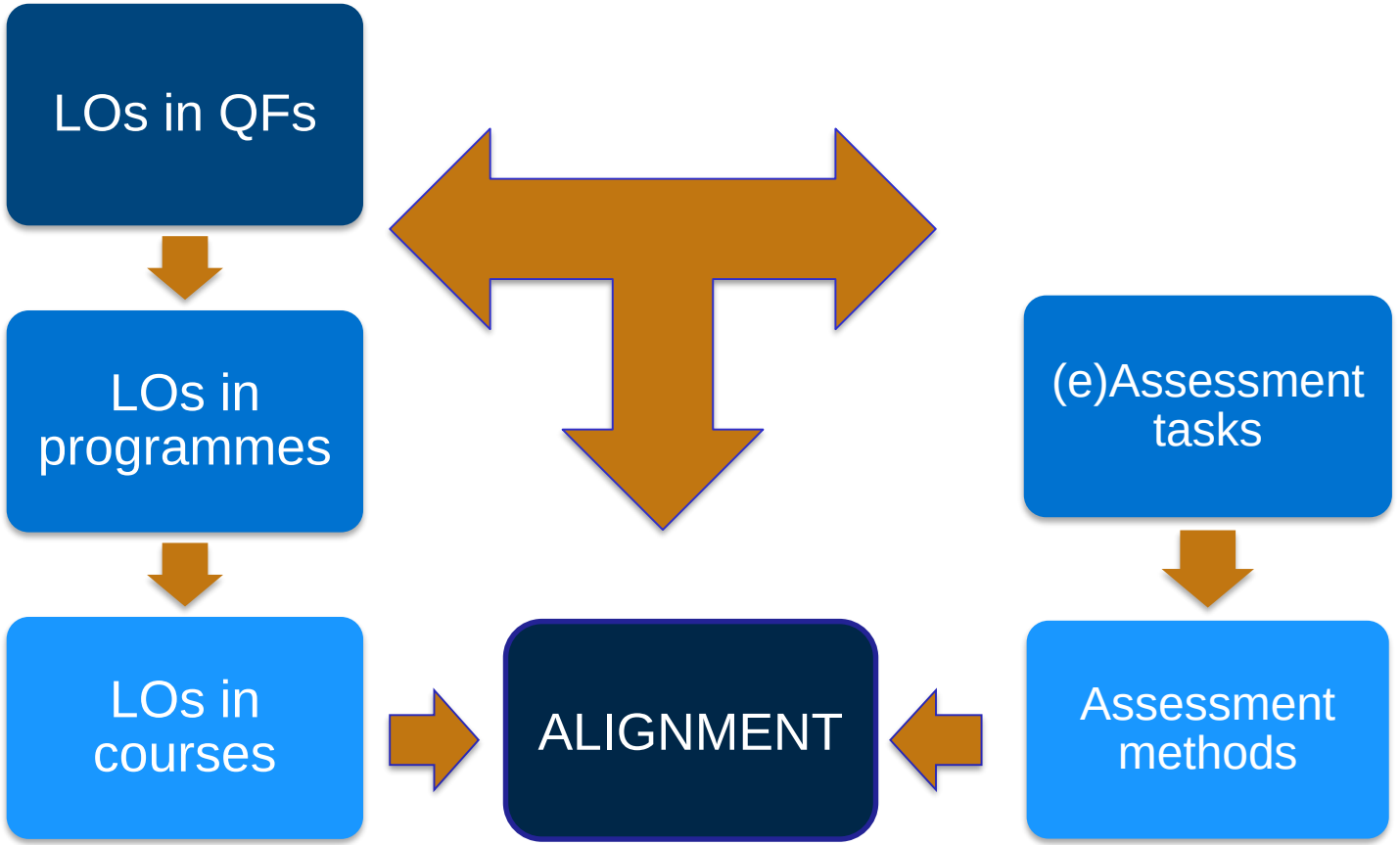
Alignment scenarios

At course level…



Simple problem…?

The ALOA conceptual model



Analysis of LOs with BLOOM (reviewed)

The student should be able to describe the main components of a personal computer

NOUN / KNOWLEDGE

VERB / COGNITIVE PROCESS

Bloom's Taxonomy (revised by Anderson et al)

TALOE

Cognitive processes

- Remember
- Understand
- Apply
- Analyze
- Evaluate
- Create

Type of knowledge

- Factual
- Conceptual
- Procedural
  - Metacognitive

TALOE – Time to Assess Learning Outcomes

Internal consistency using the ALOA model
(Aligning Learning Outcomes and Assessment).

Develop a web-based tool to help decide on the e-assessment strategies

TALOE – Time to Assess Learning Outcomes

Web-tool is ready to use

- Public
- All fields
- All levels
- Auxiliary documents
- Examples
- Participate and cooperate

Projects
Conferences
Seminars
Networking
Resources
Publications

Thank you!

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