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**What kind of instructional theory do we need for instructional technology in the 21st century?**

**Possible directions of further developments - UCIT.**

J. Struct. Learn. Intell. Syst. 14, No. 4, 371-383 (2001).

Entering the new millenium, instructional technology faces new challenges, but an integrated scientific view in form of an instructional theory is still lacking. The present article concentrates on a theoretical framework that serves as a basis for instructional design and evaluation procedures. Our approach (UCIT) offers guidelines for instructional research and practical procedures in instructional design and evaluation from a theory-oriented point of view. Specific criteria for an instructional theory are developed and discussed.

*Classification:* C30

*Keywords:* instructional design; instructional theory; instructional technology; learning theory; universal constructive instructional theory