

## **Instructional Design for CALL Environments**

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### *Abstract*

Computer assisted language learning (CALL) has established itself as an important sub-field in language education circles. However, there is still room for more rigor in terms of both methodology and media choices. One solution is to look at developments in other related fields such as instructional design. This presentation will include an overview of the field of instructional design (ID) with specific attention to historical developments, major theorists, influential ID models and emerging trends. The presenter will then introduce the rationale for using ID models and frameworks for developing integrated web-based language learning activities and environments. Participants will hear how the theoretical underpinnings of ID are informing and influencing design decisions in a business English program at a private university in western Japan and go away with several tools to get them started with their own ID projects. The presentation will conclude with some discussion of future developments in language teaching/learning, specifically a move toward do-it-yourself customers and an experience economy.

### **Suggested Readings**

Anglin, G.J. (Ed.). (1995). *Instructional technology: Past, present, and future (2nd ed.)*. Englewood, CO: Libraries Unlimited Inc.

Dick, W, Carey, L & Carey, J. (2005). *Systematic design of instruction (6th ed.)*. Boston, MA: Allyn & Bacon.

Kemp, J, Morrison, G., & Ross, S. (1996). *Designing effective instruction (2<sup>nd</sup> Ed.)*. Upper Saddle River, NJ: Prentice-Hall.

Krug, S. (2005). *Don't make me think! A common sense approach to web usability (2nd ed.)*. Berkeley, CA: New Riders Publishing.

Mager, R. (1997). *Preparing instructional objectives (3<sup>rd</sup> ed.)*. Atlanta, GA: CEP Press.

Reigeluth (ed.) (1999). *Instructional-design theories and models: A new paradigm of instructional theory (Vol. II)*. Mahwah, NJ: Lawrence Erlbaum Associates.

Reiser, R. & Dempsey, J. (Eds). (2002). *Trends and issues in instructional design and technology (2<sup>nd</sup> ed.)*. Upper Saddle River, NJ: Merrill Prentice Hall.

Shrock, S. (1995). A brief history of instructional development. In G.J. Anglin (Ed.), (1995), *Instructional technology: Past, present, and future (2nd ed.)* (pp.11-19). Englewood, CO: Libraries Unlimited Inc.

Shrock, S. & Coscarelli, W. (2000). *Criterion-referenced test development (2<sup>nd</sup> ed.)*. Silver Spring, MD: International Society for Performance Improvement.

### **Professional Organizations**

American Society for Training and Development	<a href="http://www.astd.org">www.astd.org</a>
Association for Educational Communications and Technology	<a href="http://www.aect.org">www.aect.org</a>
International Society for Performance Improvement	<a href="http://www.ispi.org">www.ispi.org</a>
International Society for Technology in Education	<a href="http://www.iste.org">www.iste.org</a>
Japan Society for Educational Technology	<a href="http://www.jset.gr.jp">www.jset.gr.jp</a>

### **Online Resources**

#### *Definitions of Instructional Design*

<http://www.umich.edu/%7Eed626/define.html>

#### *Instructional Design Models – Martin Ryder*

[http://carbon.cudenver.edu/~mryder/itc\\_data/idmodels.html](http://carbon.cudenver.edu/~mryder/itc_data/idmodels.html)

#### *Learning-Theories.com – Knowledge Base and Webliography*

<http://www.learning-theories.com/>

#### *Introduction to Instructional System Design – Don Clark*

<http://www.nwlink.com/~donclark/hrd/sat1.html>

#### *Instructional System Design Models – Steven J. McGriff*

<http://www.personal.psu.edu/faculty/s/j/sjm256/portfolio/kbase/IDD/ISDModels.html>

#### *Instructional Strategies*

<http://glossary.plasmalink.com/glossary.html>

#### *M. David Merrill Website*

<http://cito.byuh.edu/merrill/>

#### *Explorations in Learning & Instruction: The Theory Into Practice Database*

<http://tip.psychology.org/>