

# **Tools to Enable Effective Instructional Design for Online Learning**

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The growth of online learning as a means to both maximise returns on investment as well as achieve specific learning or performance outcomes is placing significant demands on training and educational institutions throughout the world to produce effective online learning environments. The early Instructional Design theories and models have not always proved relevant to the collaborative, online context and the need for a complex range of interactions between learners, teachers and content is becoming more important. This poster will present three inter-related models for instructional design that are being used to design and create effective online learning applications:

- Proactive Evaluation matrices to enhance the online design process;
- Three-Phase Design (3PD) which promotes a design and implementation model to enhance development productivity and pedagogical effectiveness; and
- The Interactivity Quotient, a prototype instrument that can measure the interactivity of a learning application or environment.

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