

INSTRUCTIONAL DESIGN FOR THE MEDICAL EDUCATOR

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Introduction: It has been the contention of software developers, faculty and medical educators that many of the excellent applications created for medical education remains unused. Implementation of newly created materials is thus of great concern among this audience. This workshop presents an analysis of the causes of this phenomenon, and proposes effective instructional design solutions to improve usability and implementation. The audience will be exposed to the basic process involved in the Systems approach to Instructional Design, emphasizing a strong requirement for a needs analysis as the starting point of all software development.

Objectives: The objectives of the workshop are to acquaint participants with a theoretical approach to Instructional Design, including topics as Needs Assessment, Task Analysis, Formative and Summative Evaluations. Strategies for accomplishing each of these steps will be provided. Participants will be able to perform an assessment of the academic and cultural environment they work in, and conceptualize novel approaches to software development based on the content presented in the workshop.

Format: The format used will be a mix of interactive expository instruction, small group assignments, interactive discussions and written feedback. Limited to 18 registrants.

Outcomes: It is anticipated that following this workshop, participants will

- 1) Become acquainted with a theoretical approach to Instructional Design, including topics as Needs Assessment, Task Analysis, Formative and Summative Evaluations.
- 2) Discover strategies for accomplishing each of these steps.
- 3) Be able to perform an assessment of the academic and cultural environment they work in, and conceptualize novel approaches to software development based on the content presented in the workshop.

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