Foundations of Educational Technology: Integrative Approaches and Interdisciplinary Perspectives (Interdisciplinary Approaches to Educational Technology)

By J. Michael Spector

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An ideal textbook for masters, doctoral, or educational specialist certificate programs, *Foundations of Educational Technology* offers a fresh, project-centered approach to the subject, helping students build an extensive electronic portfolio as they navigate the text. The book addresses fundamental characteristics of educational technology that span various users, contexts and settings; includes a full range of engaging exercises for students that will contribute to their professional growth; and offers the following 4-step pedagogical features inspired by M.D. Merrill's First Principles of Instruction:

- TELL: Primary presentations and pointers to major sources of information and resources
- ASK: Activities that encourage students to critique applications and share their individual interpretations
- SHOW: Activities that demonstrate the application of key concepts and complex skills with appropriate opportunities for learner responses
- DO: Activities in which learners apply key concepts and complex skills while working on practice assignments and/or projects to be created for their electronic portfolios

The first textbook to launch Routledge's new *Integrative Approaches to Educational Technology* series, this indispensable volume covers the core objectives addressed in foundations of educational technology courses.

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Editorial Review

Review

"....[is an] ideal textbook for masters, doctoral or educational specialist certificate programs, since it provides a good overview of the main areas of the field of educational technology." ? *Educational Media International*

"*Foundations of Educational Technology* invokes the foundation and anticipation of the whole edifice. If a clear and approachable introductory chapter, he introduces the terms of the book ?"technology" and "education." The he exposes the foundation and superstructure as well in the form of six "pillars" that support "educational technology," which is placed atop the structure, seemingly holding the columns upright and unified." ? *Educational Technology*

"J. M. Spector's book, *Foundations of Educational Technology: Integrative Approaches and Interdisciplinary Perspectives*, alleviates the fear that teaching novices the basics in the field of educational technology must be reduced to simplified models and procedures. This textbook manages to embrace the breadth and depth of educational technology while providing understandable definitions, examples and exercises."– Dr Monica Tracey, Wayne State University

About the Author

J. Michael Spector is a research professor at the Learning and Performance Support Laboratory at the University of Georgia. Dr. Spector has served as Executive Vice President on the International Board of Standards for Training, Performance and Instruction (ibstpi), on the Executive Committee of the IEEE Learning Technology Task Force, and as a past President of the Association for Educational and Communications Technology (AECT). He is the editor of the Development Section of ETR&D and serves on numerous other editorial boards. He co-edited the third edition of the Handbook of Research on Educational Communications and Technology and has more than 100 journal articles, book chapters and books to his credit.

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