1.	Record Nr.	UNINA9910484340403321
	Titolo	Handbook of Research on Educational Communications and Technology / / edited by J. Michael Spector, M. David Merrill, Jan Elen, M. J. Bishop
	Pubbl/distr/stampa	New York, NY : , : Springer New York : , : Imprint : Springer, , 2014
	ISBN	9781461431855 1461431859
	Edizione	[4th ed. 2014.]
	Descrizione fisica	1 online resource (1005 p.)
	Altri autori (Persone)	SpectorJ. Michael
	Disciplina	371.33072
	Soggetti	Educational technology Education - Data processing Learning, Psychology of Digital Education and Educational Technology Computers and Education Instructional Psychology
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Description based upon print version of record.
	Nota di bibliografia	Includes bibliographical references and index.
	Nota di contenuto	Foundations of educational communications and technology -- Historical overview -- Research-based perspectives -- Examples -- Research methods -- Research approaches.-Design research.-Developmental research -- Activity research -- Classroom action research -- Quantitative methods -- Qualitative methods -- Strategies and models -- Formal learning -- Informal learning -- Adult learners -- Instructional design and development models -- Model-based learning and performance -- Motivational models -- Models for personalized learning -- Planning and implementation of educational technology -- Change agency in learning -- Cultural considerations -- Distributed educational practice -- Policies governing educational technology implementation, participatory planning and implementation of educational technology -- Emerging technologies -- Mobile technologies -- Tools and technologies for learning in complex domains -- Adaptive technologies -- Virtual/synthetic learning -- Emerging representation technologies -- Web 2.0 communications tools and technologies -- Technology integration -- TPACK --

Technology integration in schools -- Technology integration in work settings -- Technology integration in health care -- Technology integration in public service contexts -- Technology integration in multi-cultural settings -- Technology integration for problem solving and decision making -- Technology integration and generational differences -- Assessment and evaluation -- Collecting and analyzing data -- Program evaluation and research -- Assessing educational technologies in various domains -- Model-centered assessment -- Formative assessments -- Looking forward: Innovative educational technology around the globe -- Educational technology, funding opportunities and programs -- The learning sciences and instructional design technologies -- Costs and benefits of educational technology -- Educational technology and developing countries -- The philosophy of science and educational technologies -- The future of educational technology research. .

| Sommario/riassunto | Now in its fourth edition, the Handbook has become synonymous with excellence in providing cutting edge research on educational communications and technology to the information and communication technology community. This Handbook is written for researchers in educational communication and technology, professors of instructional design and instructional technology as well as professionals working in the fields of ICT, Learning Sciences, Educational Technology, IT, and ID. In addition, it has been and will continue to be an invaluable reference for academic and professional libraries. Under the sponsorship of the Association for Educational Communications and Technology (AECT), an international cadre of authors has been assembled representing the absolute best in the field. Expanded from 56 to 74 chapters, topics covered range from methodology, instructional strategies, assessment, design models, implementation and technology integration. A full 15 chapters are devoted to examining the future of the field, including robust discussions of new and emerging technologies and the fostering of ICT research in the developing world. This completely expanded and updated Handbook will become an indispensible addition to the field; anyone with an interest in the field of educational communications and technology will find their library enriched for including it. |