1.	Record Nr.	UNINA9910143416403321
	Autore	Heywood John <1930->
	Titolo	Engineering education : research and development in curriculum and instruction / / John Heywood
	Pubbl/distr/stampa	Hoboken, New Jersey : , : Wiley-Interscience, , 2005
		[Piscataqay, New Jersey] : , : IEEE Xplore, , [2005]
	ISBN	1-280-31134-7
		9786610311347
		0-470-32574-7
		0-471-74469-7
		0-471-74468-9
	Descrizione fisica	1 online resource (515 p.)
	Disciplina	620.0071/1
		620.00711
	Soggetti	Engineering - Study and teaching (Higher)
		Technology - Study and teaching (Higher)
	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 indexes.
	Nota di contenuto	Curriculum design, implementation and evaluation -- Aims and objectives (outcomes) -- Philosophy and sociology and the aims of the engineering curriculum -- Concepts and principles -- Learning strategies and styles -- Human development -- Curriculum change and changing the curriculum -- Interdisciplinary and integrated studies -- From projects to problem-based learning -- Problem solving-- Creativity -- Design -- Cooperative learning and teamwork -- Other instructional practices and the new technologies -- Assessment and evaluation -- The formal assessment of student learning : alternative assessment -- Attrition and retention.
	Sommario/riassunto	A synthesis of nearly 2,000 articles to help make engineers better educators While a significant body of knowledge has evolved in the field of engineering education over the years, much of the published information has been restricted to scholarly journals and has not found a broad audience. This publication rectifies that situation by reviewing the findings of nearly 2,000 scholarly articles to help engineers become

better educators, devise more effective curricula, and be more effective leaders and advocates in curriculum and research development. The author's first objective is to provide an illustrative review of research and development in engineering education since 1960. His second objective is, with the examples given, to encourage the practice of classroom assessment and research, and his third objective is to promote the idea of curriculum leadership. The publication is divided into four main parts: * Part I demonstrates how the underpinnings of education----history, philosophy, psychology, sociology----determine the aims and objectives of the curriculum and the curriculum's internal structure, which integrates assessment, content, teaching, and learning * Part II focuses on the curriculum itself, considering such key issues as content organization, trends, and change. A chapter on interdisciplinary and integrated study and a chapter on project and problem-based models of curriculum are included * Part III examines problem solving, creativity, and design * Part IV delves into teaching, assessment, and evaluation, beginning with a chapter on the lecture, cooperative learning, and teamwork The book ends with a brief, insightful forecast of the future of engineering education. Because this is a practical tool and reference for engineers, each chapter is self-contained and may be read independently of the others. Unlike other works in engineering education, which are generally intended for educational researchers, this publication is written not only for researchers in the field of engineering education, but also for all engineers who teach. All readers acquire a host of practical skills and knowledge in the fields of learning, philosophy, sociology, and history as they specifically apply to the process of engineering curriculum improvement and evaluation.

2.	Record Nr.	UNINA9910708180403321
	Titolo	Assessing inadequacies in VA data usage for and services provided to visually-impaired veterans : hearing before the Subcommittee on Oversight and Investigation of the Committee on Veterans' Affairs, U.S. House of Representatives, One Hundred Thirteenth Congress, second session, Thursday, May 29, 2014
	Pubbl/distr/stampa	Washington : , : U.S. Government Publishing Office, , 2015
	Descrizione fisica	1 online resource (iii, 56 pages)
	Soggetti	Vision disorders - Treatment - United States - Evaluation
		People with visual disabilities - Services for - United States - Evaluation
		Disabled veterans - Services for - United States - Evaluation
		Information technology - Standards - United States
		Legislative hearings.
	Lingua di pubblicazione	Inglese
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
	Note generali	Title from title screen (viewed on Sept. 29, 2015).
		Paper version available for sale by the Superintendent of Documents, U.S. Government Publishing Office. "Serial no. 113-70."