



## Decoding the Disciplines: Helping Students Learn Disciplinary Ways of Thinking: New Directions for Teaching and Learning, Number 98 (Paperback)

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By -

John Wiley Sons Inc, United States, 2004. Paperback. Condition: New. Language: English . Brand New Book. The Indiana University Faculty Learning Community realized that the mental operations required of undergraduates differ enormously from discipline to discipline and that these ways of thinking are rarely presented to students explicitly. IUFLC Fellows from fields as diverse as creative writing, marketing, and genetics, and, as knowledgeable about their research areas as few people in the world, began to explore how students learn this content. The ? Decoding the Disciplines? model takes advantage of the differences in thinking among academic fields in order to decode each individual discipline. Following the model, faculty answered a series of questions to define crucial bottlenecks to learning, dissected the ways an expert deals with the issues that causes the bottleneck, and invented ways to model this thinking for students. After giving students an opportunity to practice these skills and receive feedback, each professor assessed student performance on these basic operations. Their chapters in this issue of NDTL show faculty in the disciplines as they delved deeply into the specifics of thinking and learning in their disciplines and become involved in the scholarship of teaching and learning. It presents principles...



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### Reviews

*This book is definitely not straightforward to get started on studying but extremely exciting to read. It is really simplistic but shocks in the 50 percent of the ebook. Once you begin to read the book, it is extremely difficult to leave it before concluding.*

-- **Ally Reichel**

*This publication is amazing. It is definitely basic but shocks in the fifty percent of your publication. You wont feel monotony at anytime of your own time (that's what catalogues are for concerning if you question me).*

-- **Prof. Kirk Cruickshank DDS**