



The Idea Factory: Learning to Think at MIT

By Pepper White

[Download now](#)

[Read Online](#) 

The Idea Factory: Learning to Think at MIT By Pepper White

This is a personal story of the educational process at one of the world's great technological universities. Pepper White entered MIT in 1981 and received his master's degree in mechanical engineering in 1984. His account of his experiences, written in diary form, offers insight into graduate school life in general -- including the loneliness and even desperation that can result from the intense pressure to succeed -- and the purposes of engineering education in particular. The first professor White met at MIT told him that it did not really matter what he learned there, but that MIT would teach him how to think. This, then, is the story of how one student learned how to think. There have of course been changes at MIT since 1984, but its essence is still the same. White has added a new preface and concluding chapter to this edition to bring the story of his continuing education up to date.

 [Download The Idea Factory: Learning to Think at MIT ...pdf](#)

 [Read Online The Idea Factory: Learning to Think at MIT ...pdf](#)

The Idea Factory: Learning to Think at MIT

By Pepper White

The Idea Factory: Learning to Think at MIT By Pepper White

This is a personal story of the educational process at one of the world's great technological universities. Pepper White entered MIT in 1981 and received his master's degree in mechanical engineering in 1984. His account of his experiences, written in diary form, offers insight into graduate school life in general -- including the loneliness and even desperation that can result from the intense pressure to succeed -- and the purposes of engineering education in particular. The first professor White met at MIT told him that it did not really matter what he learned there, but that MIT would teach him how to think. This, then, is the story of how one student learned how to think. There have of course been changes at MIT since 1984, but its essence is still the same. White has added a new preface and concluding chapter to this edition to bring the story of his continuing education up to date.

The Idea Factory: Learning to Think at MIT By Pepper White Bibliography

- Sales Rank: #367965 in Books
- Published on: 2001-10-01
- Original language: English
- Number of items: 1
- Dimensions: 8.00" h x .69" w x 5.25" l, .78 pounds
- Binding: Paperback
- 328 pages

 [Download The Idea Factory: Learning to Think at MIT ...pdf](#)

 [Read Online The Idea Factory: Learning to Think at MIT ...pdf](#)

Download and Read Free Online The Idea Factory: Learning to Think at MIT By Pepper White

Editorial Review

From Publishers Weekly

"Getting an education at MIT is like getting a drink of water from a firehose," says one of White's fellow students in this grad school memoir. Test anxiety, lab-project drama and stylish prose propel White's recollections with enough force to make three years of engineering study compelling, even to readers committed to the liberal arts. The professors' egos, the career stakes and the quizzes are presented as powers more intense at MIT Engineering than elsewhere. But the author's deft personality sketches and diary-like accounts of encounters with even such stuff as "System Dynamics and Control Problems" yield a technical school analogue to Scott Turow's *One L.*

Copyright 1991 Reed Business Information, Inc.

From Kirkus Reviews

An informative and entertaining report on how a Johns Hopkins graduate faced the challenge of his young life when he embarked on a master's program in engineering at one of the toughest science schools on earth. Among the most intimidating credentials to go for in the field of technology are ``MIT cubed''--a bachelor's, master's and doctoral degree from the venerable Massachusetts Institute of Technology. North Carolina native White, son of a musician and a writer and product of a ``well-rounded'' environmental-engineering and liberal-arts education at Johns Hopkins, would have been happy with MIT simple--a master's degree in engineering. But even that accomplishment seemed dauntingly unreachable as, on registration day, he traversed MIT's infinite corridor from Building 13 to Building 6, still expecting to learn that his admission to MIT's graduate school was the result of a clerical error. From his first days spent floundering through classroom lectures (it was several semesters before White learned what a scientific model is)--buddying up to millionaire professors who'd built companies around their patented inventions, attempting to solve technical conundrums and build miniature machines--to the final dash to the finish as other students fell victim to suicide and burnout, White struggled to maneuver through an intellectual boot camp while trying to maintain a modicum of emotional equilibrium. Here, he plays his advantage as a liberal-arts type who's a semi-outsider to full advantage as he searches for the meaning behind the madness. Despite his denunciations of MIT's merciless environment, his writing itself stands as a heartening example of MIT's broader aim--to teach its students how to think. Required reading for all college applicants with a yen for science. -- *Copyright ©1991, Kirkus Associates, LP. All rights reserved.*

About the Author

Pepper White owns the consulting firm LCI Energy.

Users Review

From reader reviews:

Velda Thornley:

Hey guys, do you wishes to finds a new book to read? May be the book with the subject The Idea Factory: Learning to Think at MIT suitable to you? The particular book was written by famous writer in this era. The particular book untitled The Idea Factory: Learning to Think at MIT is a single of several books this everyone read now. This specific book was inspired many people in the world. When you read this guide you will enter the new dimension that you ever know just before. The author explained their concept in the simple

way, therefore all of people can easily to know the core of this e-book. This book will give you a large amount of information about this world now. To help you to see the represented of the world in this particular book.

Lucy Fletcher:

Reading a guide can be one of a lot of task that everyone in the world enjoys. Do you like reading book consequently. There are a lot of reasons why people enjoyed. First reading a book will give you a lot of new data. When you read a publication you will get new information simply because book is one of a number of ways to share the information or maybe their idea. Second, examining a book will make you more imaginative. When you reading a book especially fictional book the author will bring you to definitely imagine the story how the personas do it anything. Third, you may share your knowledge to others. When you read this The Idea Factory: Learning to Think at MIT, it is possible to tells your family, friends and soon about yours publication. Your knowledge can inspire different ones, make them reading a reserve.

Phyllis Sharow:

The Idea Factory: Learning to Think at MIT can be one of your beginner books that are good idea. We all recommend that straight away because this e-book has good vocabulary that could increase your knowledge in words, easy to understand, bit entertaining however delivering the information. The article author giving his/her effort to put every word into pleasure arrangement in writing The Idea Factory: Learning to Think at MIT however doesn't forget the main position, giving the reader the hottest in addition to based confirm resource information that maybe you can be one among it. This great information can certainly drawn you into brand new stage of crucial thinking.

Ross Turner:

As we know that book is essential thing to add our information for everything. By a guide we can know everything we wish. A book is a pair of written, printed, illustrated or blank sheet. Every year was exactly added. This e-book The Idea Factory: Learning to Think at MIT was filled with regards to science. Spend your spare time to add your knowledge about your scientific disciplines competence. Some people has different feel when they reading a new book. If you know how big benefit from a book, you can experience enjoy to read a e-book. In the modern era like right now, many ways to get book that you wanted.

Download and Read Online The Idea Factory: Learning to Think at MIT By Pepper White #HJ8O5Z7YE0G

Read The Idea Factory: Learning to Think at MIT By Pepper White for online ebook

The Idea Factory: Learning to Think at MIT By Pepper White Free PDF d0wnl0ad, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read The Idea Factory: Learning to Think at MIT By Pepper White books to read online.

Online The Idea Factory: Learning to Think at MIT By Pepper White ebook PDF download

The Idea Factory: Learning to Think at MIT By Pepper White Doc

The Idea Factory: Learning to Think at MIT By Pepper White Mobipocket

The Idea Factory: Learning to Think at MIT By Pepper White EPub

HJ8O5Z7YE0G: The Idea Factory: Learning to Think at MIT By Pepper White