



# Coasters 101: An Engineer's Guide to Roller Coaster Design

*Nick Weisenberger*

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## **Coasters 101: An Engineer's Guide to Roller Coaster Design** Nick Weisenberger

Have you ever wondered what it takes to design and build a roller coaster? At last, there's a book that shows you. A mix of engineering and art, roller coasters are complex three-dimensional puzzles consisting of thousands of individual parts. Designers spend countless hours creating and tweaking ride paths to push the envelope of exhilaration, all while maintaining the highest safety standards. *Coasters 101: An Engineer's Guide to Roller Coaster Design* examines the numerous diverse aspects of roller coaster engineering, including some of the mathematical formulas and engineering concepts used.

A few of the topics covered include:

- Design Software and Computer Technology
- Project Management
- Wheel Design and Material Selection
- Track Fabrication Techniques
- Daily Inspections and Preventive Maintenance
- Amusement Industry Safety Standards
- Career Advice
- And much more!

This technical guide is the most detailed roller coaster design book to date and will take you through the entire process, from concept to creation. A must read for every enthusiast and aspiring roller coaster engineer!

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The actual book Coasters 101: An Engineer's Guide to Roller Coaster Design has a lot details on it. So when you make sure to read this book you can get a lot of help. The book was authored by the very famous author. The writer makes some research previous to write this book. This specific book very easy to read you will get the point easily after perusing this book.

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