



Educating Scientists and Engineers for Academic and Non-Academic Career Success (Chemical Industries)

By James Speight

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In an increasingly technological world, the education of scientists and engineers has become an activity of growing importance. **Educating Scientists and Engineers for Academic and Non-Academic Career Success** focuses on the structure of the current educational system and describes the transformations needed to ensure the adequate education of future science and engineering students.

The book describes how university faculty can make the necessary changes to teach a broader range of skills, technical proficiency, teamwork, adaptability, and versatility within the undergraduate and postgraduate curriculum. Also covered are approaches to provide a broader exposure to experiences desired by both academic and non-university employers to prepare students for an increasingly interdisciplinary, collaborative, and global job market.

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Editorial Review

About the Author

James G. Speight is the author of more than 60 books in petroleum science, petroleum engineering, and environmental sciences. He has doctorate degrees in chemistry, geological sciences, and petroleum engineering. Dr. Speight has served as adjunct professor in the Department of Chemical and Fuels Engineering at the University of Utah and also in the Departments of Chemistry and Chemical and Petroleum Engineering at the University of Wyoming. In addition he has been a visiting professor in chemical engineering at the following universities: the University of Missouri-Columbia, the Technical University of Denmark, and the University of Trinidad and Tobago.

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