



# An Introduction to Learning Styles: How Students Learn, How Teachers Teach, and What Usually Goes Wrong with the Process

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Loker Student Union (look for sign)  
1:30 to 3:30 p.m.

Students learn in a variety of ways: by seeing and hearing, working alone and in groups, reasoning logically and intuitively, memorizing and visualizing and modeling. Teaching methods also vary: some instructors lecture, others demonstrate or discuss; some focus on principles and others on applications; some emphasize memory and others understanding. How much students learn in a class depends among other things on the match between their learning style preferences and the instructor's teaching style. This interactive presentation defines different learning styles, explores the consequences of mismatches between learning and teaching styles, and offers ideas for reaching students with a wider variety of learning styles than are reached with traditional teaching methods.

Call Kathy Andrews for reservations.  
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Richard M. Felder is Hoechst Celanese Professor of Chemical Engineering at North Carolina State University. He is coauthor of *Elementary Principles of Chemical Processes* (3rd Edition, John Wiley & Sons, 2005), which has been used as the text for the introductory chemical engineering course by most American chemical engineering departments and at many international institutions for more than two decades. He has authored or coauthored over 200 papers on teaching and learning, and on chemical process engineering. In addition, he has presented hundreds of seminars, workshops, and short courses to industrial and research institutions and universities throughout the United States and abroad. Since 1991 he has co-directed the National Effective Teaching Institute under the auspices of the American Society for Engineering Education (ASEE).

Dr. Felder received the Ph.D. in chemical engineering from Princeton University. His honors include the R.J. Reynolds Award for Excellence in Teaching and Research, the AT&T Foundation Award for Excellence in Engineering Education and the ASEE Chemical Engineering Division Lifetime Achievement Award for Pedagogical Scholarship. Many of his publications can be found at <http://www.ncsu.edu/felder-public>.