

Taking the "Sting" out of Teaching Chemical Thermodynamics

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Various strategies and techniques are offered and will be illustrated to take the "sting" out of teaching chemical thermodynamics. Thermodynamics can be fun and interesting. Among the topics to be discussed are: relating thermodynamics to the real world via requiring term papers and class presentations; relevant demonstrations; challenging the students with illustrations from the literature where the authors are wrong; the importance of rigorous definitions; and fun things like skits and movies and dramatic readings. Mainly, it is to show the relevance of thermodynamics to the real world.