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PART I – MACROSCOPIC FLUID MECHANICS CHAPTER 1 – INTRODUCTION TO FLUID MECHANICS  
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Surface Tension in Fluid Mechanics. Produced by Educational Serviced Incorporated. Directed by Jack Churchill. Chicago, IL: Encyclopaedia Britannica Educational Corp, (1985). Originally issued as 16 mm. motion picture in 1963. Videorecording. Presents a series of experiments to show that surfaces exert forces.

### **Study Materials | Mechanics of Fluids | Chemical**

Course Description This course provides an introduction to fluid mechanics from a chemical engineering perspective. The principles of fluid mechanics are ubiquitous in both everyday life and engineering practice. Examples include pipe flow, ketchup bottles, microbial swimmers, and combustion processes.

### **Chemical Engineering 374â€”Fluid Mechanics Fall 2018**

Fluid Mechanics for Chemical Engineers: with Microfluidics, CFD, and COMSOL Multiphysics 5 (3rd Edition) (Prentice Hall International Series in the Physical and Chemical Engineering Sciences) Wilkes, James O.

### **Fluid Mechanics for Chemical Engineers by James O Wilkes**

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### **Engineering Fluid Mechanics - Staffordshire University**

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