

From: <http://www.chemistryclasseshouston.com/>

Description 1: Dr. William S Gleason teaches physics classes, chemistry classes, and industrial hygiene classes.

Description 2: Call us today for an advanced chemistry seminar, a physics seminar, or an industrial hygiene seminar.

Description 3: Dr. William S Gleason is an industrial hygiene professor, a chemistry professor, and a physics professor.

HOMEPAGE **“Home”**

Meta Description: Find out more about Chemistry, Physics, and Industrial Hygiene classes in Houston.

When schools and teachers need additional help with Chemistry classes or Physics classes, they call Dr. William S Gleason. They also rely on him to teach Physical Chemistry classes and Industrial Hygiene classes. He is well-known in the greater Houston, TX metropolitan area for his informative and insightful seminars that can cover the basics or introduce the more advanced concepts of these scientific disciplines.

Participants in Dr. William S Gleason’s Chemistry classes may begin by learning the basics of General Chemistry, intended to introduce a discipline of science dedicated to the study of matter...specifically its composition, structure, and properties. More advanced students can cover topics as advanced as Examining Metals and Metallurgy or Discovering the Chemistry of Nonmetals.

Dr. William S Gleason also presents Physics classes, which is popularly defined as the study of energy, matter, and their interaction with each other. In a Physics Seminar he may offer an Introduction to Physics that demonstrate laws of motion, laws of conservation, concepts of work and energy, and the classical law of gravity. More advanced topics may include in-depth studies of optics, fluids, and thermodynamics.

An Industrial Hygiene Seminar led by Dr. Williams S Gleason will introduce the subject as a scientific discipline seeking to provide knowledge to those responsible for anticipating, recognizing, evaluating, and controlling work environments for hazards that may create a health risk to employees or to the citizens of the surrounding community. Topics will range from the basics of recognizing work place hazards and impending administrative reduction controls to a study of various examples of work-place hazards.

Because he has a PhD in Physical Chemistry, Dr. William S Gleason is a well-qualified professor of Chemistry, Physics, and Industrial Hygiene. Whether he lectures to a class made up of teachers needing Continuing Education Credits or offers seminars to groups of high-school students studying for their Scholastic Aptitude Test, Dr. William S Gleason creates a dynamic learning environment that engages the student in all aspects of scientific study. Call him for a seminar today.

ABOUT PAGE

“About Us”

Meta Description: Learn more about Chemistry classes and Physics classes from Dr. William S Gleason.

If schools in the Houston, TX area need to recapture their student’s interest in their Chemistry or Physics classes, they bring in Dr. William S Gleason for his entertaining and intuitive lecturing style, keen understanding of subject matter, and exceptional ability to present these complex subjects in a meaningful manner. His labs are designed to produce learning experiences that are both significant and memorable.

These Chemistry and Physics seminars are often used to help High School students prepare for their Scholastic Achievement Test, which is used in many college admission procedures. Dr. William S Gleason teaches these seminars as a review of the general principles of these scientific disciplines and his students have had great success on the exams after taking his SAT preparation classes.

If a company or corporation wants to lower its operating costs through hazard recognition and accident prevention, they schedule an Industrial Hygiene seminar with Dr. William S Gleason. They rely on his training to anticipate and recognize environmental or physical hazards that may affect the health or well-being of their workers. These seminars train workers to evaluate these hazards and recommend that the company or corporation implement controls to mitigate those hazards.

Find out more about Dr. William S Gleason’s education, experience, and qualifications by contacting him today.

SERVICE PAGE 1

“Chemistry Classes”

Meta Description: Students who care will schedule their Chemistry classes with Dr. William S Gleason.

The study of Chemistry is the study of the fundamental building blocks of the entire universe and a basic understanding is vital to anyone who seeks an education or job in science, technology, or engineering. Dr. William S Gleason teaches Chemistry classes that cover topics from an Introduction of Basics to Advanced Principles.

People in Houston, TX attend Dr. William S Gleason's Chemistry classes as a refresher course before sitting for professional exams, to prepare for college admissions, or to obtain Continuing Education credits. Teachers and students alike enjoy his knowledgeable lectures and informational lab experiments, because he makes it obvious that he has a passion for his science. Some of the topics his introductory lectures cover include:

- **An Overview of the Scientific Method**—teaches a formalized approach to scientific research. Lectures will discuss asking questions, doing research, and constructing hypothesis. Labs will involve testing the hypothesis via experiment, analyzing data, drawing conclusions from the experiment and data, and communicating those conclusions to others.
- **Introduction to Matter**—offers a definition of matter, mass, and particles, introduces Atomic Mass, and covers the Law of Conservation of Mass.
- **The Periodic Table**—discusses the Periodic Table, describes atoms and atomic mass, defines elements, and teaches students how to calculate atomic masses.
- **States of Matter**—focuses on the four states of matter, and how the absence or addition of heat affects the state of matter.

Dr. William S Gleason also offers chemistry classes and seminars on Kinetics, Acid-Base and Aqueous Equilibria, and Thermodynamics. He is renowned for his meticulous preparation and informative lecture style, and for consistently delivering thought-provoking lectures.

SERVICE PAGE 2 “Physics Classes”

Meta Description: Discover Physics classes that are fun and informative. Call Dr. William S Gleason.

Dr. William S Gleason is known for offering engaging and exciting Physics classes to students, teachers, and corporate employees in the greater Houston, TX metropolitan area. Students attend his Physics classes to review for their Scholastic Aptitude Tests. Elementary and High School teachers attend his Physics seminars to study for Continuing

Education courses. Businesses take his Physics classes to brush up on the latest in theory, discovery, and technology and its impact their business models.

The SAT lecture series for High School students includes a full and thorough review of a General Introductory Physics, including:

- **The Scientific Method**—teaches participants a formal method of questioning, researching, experimenting, gathering data, evaluation data, and sharing the results.
- **An Overview of Mass and Matter**—explores and defines matter, mass, atomic mass, and the Periodic Table.
- **Force and Motion**—discusses velocity and acceleration as they apply to one- and two-dimensional motion and introduces Newton’s First Law of Motion.
- **Work and Energy**—examines potential energy, and kinetic energy, in the presence of, and without, mechanical advantage. Relates these concepts to Newton’s First Law.
- **Force**—presents Newton’s Second Law of Motion and the necessary mathematics.
- **Law of Motion**— or the famous “for every action there is an equal and opposite reaction” which is commonly known, among scientist, as Newton’s Third Law. This law will be explored in the class labs.
- **Gravity**—more of Newton’s theories in the form of his classical Law of Universal Gravitation. Explores the forces that give objects mass.

Whether it is in a basic Physics for a class of 6th graders or an advanced Physics college course, Dr. William S Gleason engages his students in discussion, exploration, and experimentation to reinforce the topics he teaches. People of all ages and educational levels can benefit from his perceptive presentation and thought provoking style of presenting the material.

SERVICE PAGE 3 **“Industrial Hygiene Classes”**

Meta Description: Find out how Industrial Hygiene Classes can lower your company's accident rate.

When corporations and companies in Houston, TX need updated Industrial Hygiene classes they contact Dr. William S Gleason. Industrial Hygiene classes are intended to familiarize students with the process of analyzing a worksite for hazards and implementing controls to minimize or prevent workplace accidents that cause property damage, injuries, illnesses, or fatalities.

Dr. William S Gleason presents his Industrial Hygiene classes in an engaging style that encourages attendees to participate in discussions and lab exercises. His general introductory class syllabus is formulated from recommendations of the Occupational Safety and Health Administration. His goal is to provide employers and workers with assistance in improving safety and health in the workplace. His topics include:

- **Definition of, and Introduction to, Industrial Hygiene**—loosely described as a scientific process whose goal is to recognize workplace hazards, evaluate those hazards, and implement work practice, engineering, administrative, and other methods to control those hazards.
- **Performing a Worksite Analysis**—covers industrial practices and work station environments or designs that present potential sources of problems.
- **Determining Risk**—explores how to research or analyze the ways in which particular physical or chemical hazards affect worker health.
- **Air Contaminants**—discusses air contaminants, chemical hazards, biological hazards, physical hazards,
- **Chemical Hazards**—harmful compounds and chemicals that can be inhaled or ingested, or are toxic if they come into contact with the skin.
- **Biological Hazards**—living organisms that can cause infection by inhalation or broken skin. Includes bacteria, fungi, and viruses.
- **Physical Hazards**—includes noise, ionizing and nonionizing radiation, vibration, temperature, and lighting.
- **Ergonomic Hazards**—presents information related to lifting, pushing, reaching, holding, or walking as it applies to a worker's daily activities.

Dr. William S Gleason realizes that he cannot possibly discuss every possible aspect of workplace health and safety, due to the overwhelming nature of the topic. His goal is to teach participants a method of recognizing, addressing, and controlling workplace health and safety hazards rather than to provide a complete and comprehensive course on the subject.

CONTACT PAGE “Contact Us”

Meta Description: Contact Dr. William S Gleason for Physics, Chemistry and Industrial Hygiene classes.

Dr. William S Gleason teaches engaging and instructional Chemistry, Physics, and Industrial Hygiene classes in the Houston, TX area. Call us today!