

Course Syllabus

TEA Science Safety Training for High School

Lessons	Sections	Activities
1. Introduction to Safety Training	1.1 Introduction 1.2 Training Objectives	<ul style="list-style-type: none"> ○ Download Texas Education Agency Texas Safety Standards ○ Read NSTA Position Statements ○ Reference Texas Education Agency Texas Safety Standards
2. Classroom Safety and the Law	2.1 Introduction 2.2 Students with Disabilities 2.3 Liability 2.4 19 Texas Administrative Code (TAC) Part II: Texas Education Agency 2.5 Lab Scenarios	<ul style="list-style-type: none"> ○ Discussion ○ Reference Texas Education Agency Texas Safety Standards ○ Review lab scenario video ○ Discussion
3. Globally Harmonized System	3.1 Introduction 3.2 Chemical Labels and Safety Data Sheets 3.3 Pictogram Matchup 3.4 Training Video and Resources	<ul style="list-style-type: none"> ○ Instructional video ○ Matching activity ○ Instructional video
4. Responsibility of Instruction	4.1 Introduction 4.2 Field Investigations and Experiences 4.3 Lab Room Tour 4.4 Fire Safety 4.5 Safety Shower and Eye/Face Wash 4.6 Fume Hood 4.7 First Aid and Other Responsibilities 4.8 Classroom Responsibilities 4.9 Safety Analysis of a Lab Investigation 4.10 Creating a Safety Plan	<ul style="list-style-type: none"> ○ Analyze charts ○ Interactive animation ○ Instructional video ○ Instructional video ○ Read NSELA article ○ Review OSHA first aid supplies ○ Checkpoint activity ○ Safety analysis ○ Checkpoint quiz ○ Discussion
5. Responsibility of Supervision	5.1 Introduction 5.2 Glove Safety 5.3 Eye Protection 5.4 Goggles Song 5.5 Safety Self Check	<ul style="list-style-type: none"> ○ Read NSELA article ○ Instructional video ○ Animation ○ Interactive animation
6. Responsibility of Maintenance	6.1 Introduction 6.2 Maintenance of Lab Equipment 6.3 Chemical Safety 6.4 Keeping it Uncluttered and Organized 6.5 Equipment Check	<ul style="list-style-type: none"> ○ Checkpoint activity ○ Read ACS safety guidelines ○ Interactive animation
Final Test	Once you have completed the course lessons and activities, you must take and pass the 20-question final test. You must receive an 80% or higher in order to pass the test. If you do not pass, you must review the course lessons again and retake the test. When you have successfully completed the final test, you will receive a certificate of completion and 3 CPE credits.	