

Course Outcome Guide (COG)

Course: PTLO 104	Industrial Safety	Credits: 2	Instructor: J. Barrow		
Course Description:	An overview course for petroleum and industrial workers of federal/state regulations and guidelines which require OSHA authorized safety training. Topics include 29 CFR 1910 and 29 CFR 1926 standards, such as confined space entry, emergency action plans, lockout/tag out, H2S respiratory, First Aid/CPR, and other safety related topics. Completers will receive OSHA-10, H2S Safety Training, and First Aid/CPR authorization cards.				
Concepts and Issues	Process Skills	Assessment Tasks	Intended Outcomes		
			Course	General Education or Program	Institutional
<ul style="list-style-type: none"> • Three levels of hazard assessment • Federal Safety Regulations • Personal safety • Written safety programs • Workplace safety • Communications 	<ul style="list-style-type: none"> • Examine the concepts of hazard assessment • Review Code of Federal Regulations as prescribed by the Occupational Safety and Health Act • Identify the roles of various Federal agencies and their roles in safety, OSHA,NIOSH,NFPA ,ANSI • Know the different types of Personal Protective equipment and their application 	<p>Demonstrating your ability to work independently is critical. However, working with others to analyze diagrams and systems is not only an important outcome for this course, but an essential skill you will need in both your training here at WSC and your work careers. Collaboration requires that you offer input, ideas, and possible solutions while being open and responsive to others. The team dynamic can only be well built by regular class attendance. Each student must participate, contribute, and be actively engaged in class/lab assignments.</p> <p>An E-folder will be maintained by each student. The folder will be used to convey all exams, online exercises, computer assignment printouts and other course work to the instructor.</p>	<ol style="list-style-type: none"> 1. Students will be able to describe the role of safety design and the safety professional. 2. Students will be able to recognize a broad range of industrial safety hazards. 3. Students will be able to describe how to prevent accident or injury by controlling the associated hazards. 4. Students will be familiar with OSHA, ANSI, 	<ol style="list-style-type: none"> 1. Students will describe the basic components of safety, health and environmental systems as defined by the Occupational Safety and Health Act. 2. Students will demonstrate organizational skills for developing safety procedures. 	<p>Students will use reasoning skills to analyze and solve problems.</p>

			<p>NIOSH, NFPA and other applicable safety standards</p> <p>5. Students will be familiar with where and how to obtain additional safety information</p>		
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