

Essential knowledge and skills:

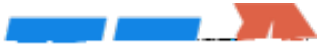
Occupational Safety and Environmental Technology (OSET) I – Workplace Safety & Health

- challenging academic standards and relevant to students to further their education and succeed
- (2) The Manufacturing Career Cluster focuses on the processing of materials into intermediate or

Approved for use beginning 2015-2016
Expires:

Approved Innovative Course

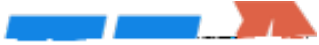
- x Districts must have local board approval to implement innovative courses
- x



Approved Innovative Course

- x Districts must have local board approval to implement innovative courses
- x Innovative courses may meet state elective credit only
- x CTE Innovative courses may not be the final course in a coherent sequence for an endoresment
- x Course requirements must be met without modification

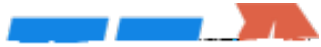
- (11) The student explains the fundamentals of using professional and regulatory resources. The student is expected to:
- (A) analyze landmark regulatory actions responsible for enforcing public safety;
 - (B) compare four types of product liability classifications from a legal perspective;
 - (C) determine the necessary components of a warning label or signage for a physically intensive job;
 - (D) revise an ergonomic workplace design based on OSHA recommendations; and
 - (E) evaluate professional and regulatory resources such as state and federal



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- (C) conduct and revise emergency and medical plans through mock emergency and medical drills.
- (15) The student evaluates methods to reduce sources of workplace hazards in order to promote a safe working environment. The student is expected to:
- (A) describe hazard identification steps including inventory, work site inspection, review of the potential dangers associated with various materials and chemicals found in workplaces;
 - (B) perform a root cause analysis and describe the methods associated with the analysis;
 - (C) identify accident types such as those caused by human error,



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Oakley, Jeffrey S. Accident Investigation Techniques. American Society of Safety Engineers, 2012.

Reese, Charles D. Occupational Health and Safety Management: A Practical Approach. CRC Press, 2016.

Suggested methods for evaluating student outcomes:

Measures of success will be determined from daily participation, class work, projects and exams.

Teacher qualifications:

Secondary Industrial Arts: Grades 6-12

Secondary Industrial Technology: Grades 6-12

Technology Education: Grades 6-12

Trade and Industrial Education: Grades 6-12 with appropriate work approval as identified on the certificate

Trade and Industrial Education: Grades 8-12 with appropriate work approval as identified on the certificate

Vocational Trades and Industry. This assignment requires appropriate work approval.

Additional information: