ILLINOIS VALLEY COMMUNITY COLLEGE

COURSE OUTLINE

DIVISION: Career and Technical Programs

COURSE: GNT 1240 OSHA 30 Hour - General Industry

Date: Spring 2013

Credit Hours: 3

Prerequisite(s):   None

Delivery Method: ☒ **Lecture**   **3 Contact Hours** (1 contact = 1 credit hour)

☐ **Seminar**   **0 Contact Hours** (1 contact = 1 credit hour)

☐ **Lab**   **0 Contact Hours** (2 contact = 1 credit hour)

☐ **Clinical**   **0 Contact Hours** (3 contact = 1 credit hour)

☐ **Online**

☐ **Blended**

Offered: ☒ **Fall**   ☒ **Spring**   ☒ **Summer**

IAI Equivalent –*Only for Transfer Courses*-go to *http://www.itransfer.org*:

CATALOG DESCRIPTION:
This course covers introduction of OSHA, the ACT, and OSHA standards for **29 CFR 1910** and fulfills the requirements for the OSHA 30 Hour General Industry card.

GENERAL EDUCATION GOALS ADDRESSED
[See the last page of this form for more information.]
Upon completion of the course, the student will be able:
[Choose those goals that apply to this course.]

☐ To apply analytical and problem solving skills to personal, social and professional issues and situations.

☐ To communicate orally and in writing, socially and interpersonally.

☐ To develop an awareness of the contributions made to civilization by the diverse cultures of the world.

☒ To understand and use contemporary technology effectively and to understand its impact on the individual and society.

☒ To work and study effectively both individually and in collaboration with others.

☒ To understand what it means to act ethically and responsibly as an individual in one's career and as a member of society.

☐ To develop and maintain a healthy lifestyle physically, mentally, and spiritually.

☐ To appreciate the ongoing values of learning, self-improvement, and career planning.

EXPECTED LEARNING OUTCOMES AND RELATED COMPETENCIES:
[Outcomes related to course specific goals.]
Upon completion of the course, the student will be able to:
Competency 1 Basics of OSHA reports
      Competency 1.1 Assess Weekly Fatality/Catastrophe Report
      Competency 1.2 Assess an OSHA Poster
      Competency 1.3 Interpret an MSDS Example
      Competency 1.4 Choose appropriate Recordkeeping.

Competency 2 Basics of interpreting OSHA
      Competency 2.1 Show how to read the OSHA Standards
      Competency 2.2 Correctly interpret OSHA Numbers
      Competency 2.3 Explain your rights as a Whistleblower

Competency 3 Identifying Safety and Health Problems
      Competency 3.1 Selecting appropriate Safety and health resources
      Competency 3.2 Navigating the OSHA Website
      Competency 3.3 Identifying OSHA Problems in the Workplace
      Competency 3.4 Produce and File an OSHA Complaint.

COURSE TOPICS AND CONTENT REQUIREMENTS:

- Unit 1: Why Safety?
- Unit 2: Introduction to OSHA and the Act
- Unit 3: Introduction to OSHA Standards
- Unit 4: Inspections, Citations and Penalties
- Unit 5: Multi-Employer Workplaces
- Unit 6: Safety and Health Management Systems

- Unit 7: Recordkeeping
- Unit 8: Walking and Working Surfaces
- Unit 9: Egress and Evacuation
- Unit 10: Fire Protection
- Unit 11: Hazardous Materials
- Unit 12: Occupational Health and Environmental Controls
- Unit 13: Machinery and Machine Guarding
- Unit 14: Hand and Portable Power Tools
- Unit 15: Electrical Standards
- Unit 16: Lockout/Dugout
- Unit 17: Introduction to Industrial Hygiene
- Unit 18: Hazard Communication
- Unit 19: Bloodborne Pathogens
- Unit 20: Personal Protective Equipment
- Unit 21: Welding
- Unit 22: Materials Handling and Storage
- Unit 23: Permit-Required Confined Space Entry

INSTRUCTIONAL METHODS:
Lecture

INSTRUCTIONAL MATERIALS:
http://www.osha.gov
Handouts

STUDENT REQUIREMENTS AND METHODS OF EVALUATION:

90% and up	A
80% - 89%	B
70% - 79%	C
60% - 69%	D
00% - 59%	F

Quizzes	10%
Labs	30%
Tests	20%
Midterm	20%
Final	20%

Some quizzes and test may be performance based

OTHER REFERENCES

Course Competency/Assessment Methods Matrix

WND 2200 Wind Turbine Control, Operation and Maintenance	Assessment of Student Learning	Article Review	Case Studies	Group Projects	Lab Work	Oral Presentations	Pre-Post Tests	Quizzes	Written Exams	Artifact Self Reflection of Growth	Capstone Projects	Comprehensive Written Exit Exam	Course Embedded Questions	Multi-Media Projects	Observation	Writing Samples	Portfolio Evaluation	Real World Projects	Reflective Journals	Applied Application (skills) Test	Oral Exit Interviews	Accreditation Reviews/Reports	Advisory Council Feedback	Employer Surveys	Graduate Surveys	Internship/Practicum /Site Supervisor Evaluation	Licensing Exam	In Class Feedback	Simulation	Interview	Written Report	Assignment
Assessment Measures – Are direct or indirect as indicated. List competencies/outcomes below.	Direct/ Indirect	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	D	I	I	I	I	D	D							
1.1 Assess Weekly F/C Report					x			X																								
1.2 Assess an OSHA Poster					x			X																								
1.3 Interpret an MSDS Example								X	x																							x
1.4 Choose appropriate Recordkeeping					x			X																								x	x
2.1 Read the OSHA Standards					x			X																								
2.2 Correctly interpret OSHA Numbers					x			X	x																							
2.3 Your rights as a Whistleblower			x		x			X	x																							x
3.1 Selecting OSHA resources					x			X																				x				x
3.2 Navigating the OSHA Website					x			x	x																							x
3.3 Identifying OSHA Problems in the Workplace		x	x	x	x			X																							x	x
3.4 Produce and File an OSHA Complaint					x			X																								x