COURSE OUTLINE

COURSE: IMT 102
PREFIX: NO:
EFFECTIVE DATE: Fall 2013
NEXT REVIEW DATE: Fall 2014

TITLE: Industrial Safety
CREDITS: 2.0
CONTACTS:
CLASS - LAB - TOTAL 2 0 2

PREREQUISITES: None

DESCRIPTION: This course covers safety awareness and practices found in industry.

TEXTBOOK(S) OR ALTERNATIVE: Safety and Health: Basic Foundation Series #719; published by Schoolcraft Publishing. 2009

MATERIALS (specifying those to be purchased by student):

CLASS MANAGEMENT ACTIVITIES (Attendance, tardies, testing, etc.):

Academic Dishonesty: NETC honors the State TEC Student Code with regard to academic dishonesty. Students should read pages 6-8 of the Student Code. Copies of the Student Code are available in Student Services or on the college web site at www.netc.edu.

Attendance: Much of the course material (videotapes, visiting lecturers, field trips) requires the students’ presence; absenteeism must not exceed 10% of the scheduled time.

The student will be marked as tardy when arriving after the class roll has been called. Three (3) tardies constitute one absence.

Disabilities Statement: Students with disabilities are encouraged to contact the Dean for Student Services to discuss needs or concerns as they pursue an academic program and participate in campus life. The Dean for Student Services will provide guidance regarding official documentation of disabilities and/or accommodation of needs. (See Catalog)

Student ID: It is mandatory that every student wear his or her student ID at all times when on the Cheraw campus.

During the first week of classes, the instructor will issue a reminder to wear the ID. This reminder is a warning. After the first week of classes, instructors are required to dismiss students without ID from class. The student may get his/her ID (or a new one in Student Services for $3.00) and return to class before the midpoint of the class. If the student cannot
get an ID and return to class by the midpoint, the instructor will record the absence.

**RESOURCES** *(A-V, persons, tools/equipment):*

- Videotape reviews from Tel-A-Train
- NETC faculty
- Slide presentations on hand and power tools

**COURSE TOPICAL OUTLINE** *(List topics and sub-topics of course) and Calendar or approximate length of time devoted to topic.*

**TENTATIVE OUTLINE**

Chapter One  
Introduction to Safety

Chapter Two  
Safety Laws

Chapter Three  
Personal Protective Equipment

Chapter Four  
Chemical Safety

Chapter Five  
Tool Safety

Chapter Six  
Safe Materials Handling

Chapter Seven  
Machine Safety

Chapter Eight  
Electrical Safety

Chapter Nine  
Electrical Protection

Chapter Ten  
Fire Protection

Chapter Eleven  
Health Protection

Chapter Twelve  
Safe Work Practices

**Videotapes:**

- Summer Safety
- Recognizing Sudden Illness
- Grinding Wheel Safety-Parts 1 & 2
- Ounce of Prevention
- Oxyacetylene Welding, Cutting & Brazing
- Arc Welding Safety
- Confined Spaces - Parts 1, 2, & 3
- Chemical Safety-Parts 1 & 2

- The ABC's of Life
- Emergency Priorities
- Hand Safety
- Eye Safety
- Oxyacetylene Safety
- Respirator Safety
- Portable Fire Extinguishers
- Slips and Falls
- Hearing Safety
Slides:
Safety is Specific
Power and Hand Tool Safety

OBJECTIVES OF COURSE: Develop safety awareness. Learn techniques and needs of industrial safety.

INSTRUCTIONAL METHODS TO COMPLETE OBJECTIVES:
View videotapes and slides
Class discussions and demonstrations
Guest lecturers (first aid, welding safety, grinder safety)

EVALUATIVE METHODS TO APPRAISE OBJECTIVES: At least 12 of the suggested videotapes will be followed by brief quizzes. Essay (>500 words) on any one aspect or overall needs/practices of industrial safety.

Grading will be based on quiz averages (80%), participation in field trips/guest lectures (10%) and participation in class discussions (10%).

GRADING SCALE:
A = 100 - 90
B = 89 - 80
C = 79 - 70
D = 69 - 60
F = BELOW 60