

**MARTIN COMMUNITY COLLEGE**  
**COURSE SYLLABUS**  
**Semester/Year: Spring 2011**

<b>COURSE NUMBER:</b>	ISC 112 (1)	<b>INSTRUCTOR:</b>	Ryal Watkins
<b>COURSE TITLE:</b>	Industrial Safety	<b>OFFICE NO:</b>	NA
<b>CREDIT HOURS:</b>	2	<b>OFFICE/VIRTUAL HOURS:</b>	E-mail Instructor
<b>CONTACT HRS/WK:</b>	2	<b>PHONE NO:</b>	(252) 789-0278
<b>PREREQUISITES:</b>	None	<b>FAX:</b>	(252)792-0826
<b>COREQUISITES:</b>	None	<b>E-MAIL:</b>	rwatkins@mcc.martincc.edu

**COURSE DESCRIPTION:**

This course introduces the principles of industrial safety. Emphasis is placed on industrial safety and OSHA and environmental regulations. Upon completion, students should be able to demonstrate knowledge of a safe working environment.

**PROGRAM LEARNING OUTCOMES:**

1. Perform basic construction tasks including but not limited to Rough Framing, Exterior Finishes, Interior Finishes, and Finish Carpentry.
2. Build a structure in compliance with the North Carolina Residential Code.
3. Describe basic construction principles to perform construction tasks.

**COURSE LEARNING OUTCOMES:**

1. Demonstrate and explain how to work safely in the industry.
2. Identify hazard related to different aspects of industry.

**REQUIRED TEXTBOOKS:**

Goetsch, D.L., (2000). The safety and health handbook. Upper Saddle River, New Jersey & Columbus, Ohio: Pearson Prentice Hall. ISBN 0-13-674243-2

**SUPPLEMENTAL RESOURCES:** None

**LEARNING/TEACHING METHODS:** Lecture, videos, power-points, slideshows, labs, demonstrations, Outside Reading Assignments

**ASSESMENTS/METHODS OF EVALUATION:**

- |                |     |
|----------------|-----|
| 1. Tests       | 40% |
| 2. Assignments | 40% |
| 3. Final Exam  | 20% |

**GRADING POLICY:**

90 - 100%	A
80 - 89%	B
70 - 79%	C
60 - 69%	D
0 - 59%	F

**COURSE OUTLINE:**

Week 1 – 2	Chapters 1 (Accident Cost) & 2 (OSHA)
Week 3 – 4	Chapters 4 (Ergonomics) & 5 (Stress)
Week 5 - 6	Chapters 6 (Mechanical) & 7 (Falling, Lifting, Protection)
Week 7- 8	Chapters 9 (Electrical, Fire) & 10 (Toxic)
Week 9 – 10	Chapters 12 (Noise, Vibration) & 15 (Environmental)
Week 11 – 12	Chapters 16 (Violence) & 17 (Emergency Prep)
Week 13 - 14	Chapters 18 (Investigating, Reporting) & 19 (Promoting Safety)
Week 15	Review

**STUDENT ATTENDANCE POLICY:** Class attendance is considered a necessary part of education experience and is required in curriculum courses. For reason, each student will expected to be present and on time for every class and lab meeting. The maximum number of hours students are permitted to miss has been established at 20 percent of the total contact hours of a curriculum course. Three tardies equal one hour of absence. For this course, six hours is the maximum number of hours a student can miss and still receive a passing grade.

The following requirements must be met in order to be enrolled in this course:

- (1) First, students must complete a technology assessment located on the Blackboard login page.
- (2) Second, students must log in to Blackboard or and complete the first assignment by August 26, 2010.

Both the technology assessment and the first assignment must be completed for students to remain in the course. If students are taking more than one online course, the student **ONLY** takes the technology assessment **ONE** time.

**REQUEST FOR EXCUSED ABSENCES FOR RELIGIOUS OBSERVANCES\***

**\*In compliance with G.S. 115D-5, MCC policy permits a student to be excused, with the opportunity to make-up any test or other missed work, a minimum of two excused absences per academic year for religious observances required by the student's faith. The policy limits the excused absences to a maximum of two days per academic year.**

Students who wish to be excused for a Religious Observance required by their faith must complete and submit a request form to the instructor(s) prior to the census date of each class. The ***Request for Excused Absences for Religious Observances*** form can be picked up from Student Services. This does not supersede the college-wide attendance policy as outlined in the college catalog or syllabus, with the exception of a reasonable accommodation for the make-up of missed course work.

**COURSE POLICIES:**

Safety is the first priority during this class, if the instructor is not comfortable with an action of a student / students or a certain situation; the instructor has the authority to take action to make the situation safer.

**If you cannot reach your instructor, you may contact Dr. Phyllis Broughton at (252) 789-0246 or (252) 789-0247 by phone, [pbroughton@martincc.edu](mailto:pbroughton@martincc.edu) by e-mail, or in person at her office in Building 2, Room 3.**

**To access the Martin Community College Career Catalog for policies and curriculum requirements, please go online to [www.martincc.edu](http://www.martincc.edu).**

**If you have a need for a disability-related accommodation, please notify the Student Services counselor at (252) 792-0293.**