**SAF 195**

**SHOP SAFETY**

**COURSE OUTLINE**

**DIVISION: Business & Engineering Technologies**

**CURRICULUM IN WHICH COURSE IS TAUGHT: Precision Machining**

**CREDIT HOURS: 1 HOUR/WEEK LECTURE 0: LAB**

**I.CATALOG DESCRIPTION:**

This course will teach general shop safety (correct clothing, eye protection, hair protection, foot protection, etc., and government guidelines (MSDA sheets, hazardous material, OSHA guidelines and confined spaces). Lecture 1 hour per week.

**II.RELATIONSHIP OF COURSE TO CURRICULA OBJECTIVES:**

This course teaches the basics of shop safety to students.

**III.REQUIRED BACKGROUND: NONE**

**REQUIRED TEXTBOOK: NONE**

**SEMESTER: SPRING 2009**

**INSTRUCTOR: CHARLES CUNNINGHAM**

**LOCATION: EIT 38**

**COMMUNICATIONS** [**CCUNNINGHAM@DCC.VCCS.EDU**](mailto:CCUNNINGHAM@DCC.VCCS.EDU)

**IV.COURSE CONTENT:**

**Objective 1:** Occupational Safety and Health Administration

What is **OSHA**, its goals, policies, programs, and practices?

**Objective2:** Fire Safety

What are the procedures to reduce or eliminate conditions that could cause a fire in the workplace?

**Objective 3:** Confined Space Hazards

What can cause entrapment hazards and life threatening atmospheres in confined spaces?

**Objective 4:** Hazardous Materials

What is a material safety data sheet?

**Objective 5:** Personal Protective Equipment

What devices are available to be worn by a worker to prevent injury?

**V.EDUCATIONAL OBJECTIVES ADDRESSED IN THIS COURSE:**

COMMUNICATION

LEARNING SKILLS

CRITICAL THINKING

INTERPERSONAL SKILLS AND HUMAN RELATIONS

UNDERSTANDING SCIENCE AND TECHNOLOGY

**VI. LEARNER OUTCOMES:**

Demonstrates basic shop safety

Knowledge of OSHA rules and regulations

Knowledge of space hazards

Be familiar with personal protective equipment

**STUDENTS WITH SPECIAL NEEDS:**

If you are a student with special medical needs, please inform me as to how I can best assist you. All information will be considered confidential.

If you are a student who needs special ADA –related accommodations, please inform the DCC ADA coordinator at 797-8572. Al l information will be considered confidential.

**PLAGIARISM AND ACADEMIC DISHONESTY:**

Students will be expected to maintain complete honesty and integrity in their academic work in this class. Acts of academic dishonesty, such as cheating, plagiarism, or inappropriately using the work of others to satisfy course requirements, will not be tolerated and may result in failure of the affected assignments and/or failure of this class.

**ATTENDANCE REQUIREMENTS:**

Students will be expected to be present for all scheduled classes. If a student must be absent due to illness or other emergency, the instructor must be notified and arrangements made to make up the missed class.

**COURSE GRADE PROCEDURES:**

Letter grades will be determined as follows:

A = 100-92

B = 91-84

C = 83-76

D = 75-68

F = Under 68

**WITHDRAW DATED TO REMEMBER:**

Please refer to the DCC class schedule for withdraw dates for this class.