



# Wayne County Community College District

## COURSE SYLLABUS

### FM106 Safety and Support Services

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**CREDIT HOURS:** 3.00

**CONTACT HOURS:** 45.00

**PREREQUISITES:** None

#### **COURSE DESCRIPTION:**

This course is a survey of the health and legal consideration affecting the work environment and includes historical backgrounds, safety standards, health standards, resources in hazard recognition, inspection procedures, complaint procedures and relevant legislation, law and judicial decisions. Also reviewed are OSHA and MIOSHA regulations, compliance and enforcement, health and safety committees, and the safe operation of hand and power tools, lock-out tag-out procedures, use and handling of sharp containers and blood borne pathogen safety.

#### **EXPECTED COMPETENCIES:**

*Upon successful completion of this course, the student will:*

1. Understand the basic fundamental information managers, engineers and technologists need to know about occupational safety and safety regulations including worker compensation laws.
2. Understand and be able to assess hazards in the workplace including fall potential, extremes in temperature, noise, as well as mechanical and electrical hazards.
3. Understand product safety and liability in industry.
4. Understand and be able to articulate the importance of workplace safety training.
5. Understand environmental safety and quality management in an industrial and/or commercial setting.

#### **ASSESSMENT METHODS:**

Student performance may be assessed by examination, quizzes, case studies, oral conversation, group discussion, oral presentations. The instructor reserves the option to employ one or more of these assessment methods during the course.

#### **GRADING SCALE:**

90% - 100% = A  
80% - 89.9% = B  
70% - 79.9% = C  
60% - 69.9% = D  
<60% = E