

## COURSE OUTLINE

OUTLINE DEVELOPED BY: *Kelly Humann*  
Date: *January 29, 2007*

**DEPARTMENT:** Apprentice-Related Training

**CURRICULUM:** Vocational Supplementary

**COURSE TITLE:** Industrial First-Aid/CPR-AED, Bloodborne Pathogens

**COURSE NUMBER:** *IFS 105*

**TYPE OF COURSE:** Occupational Extension

**COURSE LENGTH:** *8.5 hours (60 minute hours = 510 hours/50 = 10.2 hours)*

**QUARTER CREDITS:** 1

**LECTURE HOURS:** 8.5 hours

**LAB HOURS:** 0 hours

**CLASS SIZE:** 12 -15

**PREREQUISITES:** None

### **COURSE DESCRIPTION:**

This course covers Industrial First- Aid / CPR - AED instruction per the American Heart Association's Basic Life Support curriculum.

This course will also cover Bloodborne Pathogens using the American Academy of Orthopedic Surgeons curriculum

### **STUDENT LEARNING OUTCOMES ADDRESSED:**

#### **1. Communication:**

- Ⓢ Read and listen actively to learn and communicate.
- Ⓢ Speak and write effectively for personal, academic and career purposes.

#### **2. Computation:**

- Ⓢ Apply quantitative skills for personal, academic and career purposes.

**3. Human Relations:**

- Ⓢ Use social interactive skills to work in groups effectively.
- Ⓢ Recognize the diversity of cultural influences and values.

**4. Critical Thinking and Problem-Solving:**

- Ⓢ Think critically in evaluating information, solving problems and making decisions in an emergency situation.

**5. Technology:**

- Ⓢ Select and use appropriate technological tools for personal, academic and career tasks.

**6. Personal Responsibility:**

- Ⓢ Be motivated and able to continue learning to better ones skills and knowledge
- Ⓢ Adapt to change.
- Ⓢ Value one's own skills, abilities, ideas and art
- Ⓢ Take pride in one's work
- Ⓢ Respect the work of others
- Ⓢ Manage personal health and safety
- Ⓢ Be aware of civic and environmental issues.

**7. Information Literacy:**

- Ⓢ Access and evaluate information from a variety of sources and contexts, including technology.
- Ⓢ Use information to achieve personal, academic and career goals, as well as, to participate in a democratic society.

**GENERAL COURSE OBJECTIVES--**At the end of the class the student should be able to:

- Ⓢ Maintain life using CPR skills
- Ⓢ Maintain life using AED machine
- Ⓢ Successfully help and assist in first aid situations
- Ⓢ Recognize the risks of Bloodborne Pathogens
- Ⓢ Know the proper precautions when exposed to bodily fluids

TOPICAL OUTLINE:	APPROXIMATE CLOCK HOURS
④ Introduction to course	
④ General Principles	
④ Medical Emergencies	
④ Injury Emergencies	
④ CPR	
④ AED	
④ Environmental Emergencies	
④ Bloodborne Pathogens	
④ Occupational Exposure	
④ Prevention	
④ Exposure Control	
	Total Hours; 8.5

**COURSE SYLLABUS**

**Course:** IFS 105- First Aid CPR-AED, Bloodborne Pathogens

**Instructor:** Kelly Humann

**Year:**

**Phone:**

**Time:**

**Office:**

**Room:**

**Hours:**

**Course Description:**

This course covers Industrial First- Aid / CPR - AED instruction per the American Heart Association's Basic Life Support curriculum.

This course will also cover Bloodborne Pathogens using the American Academy of Orthopedic Surgeons curriculum.

**Course Objectives: (at the end of the course the student will be able to ;)**

- Ⓢ Successfully help and assist in a first aid situation
- Ⓢ Maintain life using proper CPR skills
- Ⓢ Maintain life using AED machine
- Ⓢ Recognize the risks of Bloodborne Pathogens
- Ⓢ Know the proper precautions when exposed to bodily fluids

**Prerequisites:** None

**Text/Materials Required:** Supplied by Residential & Commercial Joint Apprenticeship & Training Committee's

**Materials Recommended:** Supplied by Residential & Commercial Joint Apprenticeship & Training Committee's

**Student Learning Outcomes Addressed:**

1. **Communication:**
  - Ⓢ Read and listen actively to learn and communicate.
  - Ⓢ Speak and write effectively for personal, academic and career purposes.
2. **Computation:**
  - Ⓢ Apply quantitative skills for personal, academic and career purposes.
3. **Human Relations:**
  - Ⓢ Use social interactive skills to work in groups effectively.
  - Ⓢ Recognize the diversity of cultural influences and values.
4. **Critical Thinking and Problem-Solving:**
  - Ⓢ Think critically in evaluating information, solving problems and making decisions in an emergency situation.

**Student Learning Outcomes Addressed: (cont.)**

**5. Technology:**

- Ⓢ Select and use appropriate technological tools for personal, academic and career tasks.

**6. Personal Responsibility:**

- Ⓢ Be motivated and able to continue learning to improve ones skills and knowledge
- Ⓢ Adapt to change.
- Ⓢ Value one's own skills, abilities, ideas and art
- Ⓢ Take pride in one's work
- Ⓢ Respect the work of others
- Ⓢ Manage personal health and safety
- Ⓢ Be aware of civic and environmental issues.

**7. Information Literacy:**

- Ⓢ Access and evaluate information from a variety of sources and contexts, including technology.
- Ⓢ Use information to achieve personal, academic and career goals, as well as, to participate in a democratic society.

**Competencies:**

1. Successfully sustain life using first aid skills and knowledge developed in this class
2. Use CPR skills and knowledge when needed in an emergency situation.
3. Use AED (Automated External Defibulator) when needed in an emergency situation
4. Realize the hazards of Bloodborne Pathogens and how the avoid exposure.

**Course Outline:**

- Ⓢ Introduction to course
- Ⓢ General Principles
- Ⓢ Medical Emergencies
- Ⓢ Injury Emergencies
- Ⓢ CPR
- Ⓢ AED
- Ⓢ Environmental Emergencies

Total Hours: 8.5

**Course Notes:**

**Evaluation based on:**

1. Attendance
2. Exam scores
3. Hands on first aid skills
4. Hands on CPR & AED skills
5. Ability to work with others

**Grading:** Satisfactory = S, Unsatisfactory - NC (no credit)

**If you are a student with a documented disability who will require accommodations in this course, please register with Disability Support Services in the Robert Smith Building, Room RS 12 (763-5137) for assistance in developing a plan to address your academic needs. Also, notify the Duwamish Administration Office @ 764-5350.**

**For school closings due to weather watch or listen to KING AM/TV, KIRO AM/TV or KOMO AM/TV starting at 5:30 a.m. or after 3:00 p.m. for evening classes.**