Sinclair Community College
444 E. Third St.
Dayton, OH 45402

Master Syllabus

AVT 1151 - Crew Survival & Rescue Techniques

Division: Science, Mathematics and Engineering

Department: Aviation Technology

Credit Hour Total: 3.0 **Lecture Hrs:** 3.0

Date Revised: October 2012

Course Description:

Overview of the psychology of survival, post-crash survival techniques, prioritization and necessities, survival physiology in the emergency environment, clothing protection and improvised shelter, signaling, air and ground search and rescue, survival kits and emergency equipment and survival skills. Includes winter, desert, jungle, water, hostile territories and extended in-plane hostage survival.

General Education Outcomes:

- Oral Communication
- Critical Thinking/Problem Solving
- Values/Citizenship/Community

Course Outcomes:

Psychology of Survival
Comprehend and describe the importance of a positive mental attitude during survival situations.

Assessment Method: Behavioral observations
Performance Criteria: Mastery of competency at 100%

Assessment Method: Locally developed exams
Performance Criteria: 60% or higher correct responses on exams

Survival Prioritization
Identify priorities during a survival situation in airline operations.

Assessment Method: Behavioral observations
Performance Criteria: Mastery of competency at 100%

Assessment Method: Locally developed exams
Performance Criteria: 60% or higher correct responses on exams

Assessment Method: Written surveys and/or questionnaires
Performance Criteria: Mastery of competency at 100%

Winter, Desert and Open Water Survival
Recognize the similarities and differences of each survival situation while being able to formulate a plan of survival understanding that the will to live is the common denominator.

Assessment Method: Locally developed exams
Performance Criteria: 60% or higher correct responses on exams

Assessment Method: Simulations
Performance Criteria: Mastery of competency at 100%

Outline:

Post-crash survival techniques
Survival skills
Psychology of survival
Hijackings
Air and ground search and rescue
Winter, desert, water survival
Prioritization of survival