

## 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

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#### 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 Competency
- Critical Thinking/Problem Solving Competency
- Values/Citizenship/Community Competency

#### 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