

## Master Syllabus

### AVT 1148 - Aircrew Emergency Management

**Division:** Science, Mathematics and Engineering

**Department:** Aviation Technology

**Credit Hour Total:** 4.0

**Lecture Hrs:** 4.0

**Date Revised:** October 2012

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#### Course Description:

Provide students with the knowledge of the duties and responsibilities of airline crew during emergency operations which will include smoke/fire, first aid, evacuations/ditchings, decompressions, security and hazardous materials.

#### General Education Outcomes:

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

#### Course Outcomes:

##### TSA and Homeland Security

Demonstrate an understanding of the TSA and Homeland Security; recognize the differences in the airline security system.

**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

##### Smoke and Fire

Demonstrate the use and location of smoke and fire equipment on an aircraft during an emergency situation.

**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

##### Evacuations and Ditchings

Demonstrate and prioritize how to evacuate an airplane on the ground or in a ditching situation.

**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

#### Outline:

Smoke and Fire  
First Aid  
Evacuations and Ditchings  
Decompressions  
TSA and Homeland Security  
Hijackings  
Hazardous Materials  
Personal and Hotel Security