

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

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