

# APT A110: INTRODUCTION TO AIRPORT OPERATIONS

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| Item                         | Value                                    |
|------------------------------|--|
| Top Code                     | 302010 - Aviation and Airport Management |
| Units                        | 3 Total Units                            |
| Hours                        | 54 Total Hours (Lecture Hours 54)        |
| Total Outside of Class Hours | 0  |
| Course Credit Status         | Credit: Degree Applicable (D)            |
| Material Fee                 | No                                       |
| Basic Skills                 | Not Basic Skills (N)                     |
| Repeatable                   | No                                       |
| Grading Policy               | Standard Letter (S)                      |

## Course Description

This course provides students with an introduction to airport operations and operations management. Students will learn about the daily responsibilities of airport operations managers to include airfield inspections, aircraft ramp handling, passenger terminal operations, airport security and cargo handling. In addition the student will be introduced to airport licensing requirements, airport operational administration and performance and environmental planning factors to include noise abatement. Transfer Credit: CSU.

## Course Level Student Learning Outcome(s)

1. Explain how airports function as a part of our national transportation infrastructure.
2. Describe the operational functions inherent in airport operations to include ramp, passenger and cargo handling, airport security, regulatory compliance, handling of hazardous materials and emergency response.

## Course Objectives

- 1. Explain the importance of the airport as part of our national transportation system.
- 2. List the operating constraints of a typical airport.
- 3. List basic airport licensing requirements.
- 4. Explain safe airport ramp handling procedures.
- 5. Define noise abatement and describe its applicability to airport operations.
- 6. Identify hazardous materials that require special handling in the airport environment.
- 7. List the technical services available on the airport and describe their functions.
- 8. Describe airport emergency response procedures.
- 9. Describe the airport operations manual.

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## Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- DE Online Lecture (02X)