

PALOMAR COLLEGE
COURSE OUTLINE OF RECORD FOR
DEGREE CREDIT COURSE

XX Transfer Course XX A.A. Degree applicable course
(check all that apply)

COURSE NUMBER AND TITLE: AERONAUTICAL SCIENCES 150 Airport Management

UNIT VALUE: 3

MINIMUM NUMBER OF SEMESTER HOURS: 48

BASIC SKILLS REQUIREMENTS: Appropriate language skills

ENTRANCE REQUIREMENTS

PREREQUISITE: None

COREQUISITE: None

RECOMMENDED PREPARATION: None

SCOPE OF COURSE:

Airports and their management. Planning, finance, economics, operation, maintenance, and public relations will be discussed as well as current topics.

SPECIFIC COURSE OBJECTIVES:

The successful student will be able to:

1. identify the current needs of airports and the community they serve.
2. explain the current modern trends in airport operations.
3. anticipate the future needs of an airport and identify them in the airport master planning process.
4. analyze a budget for a typical medium size airport.
5. describe the duties/responsibilities of an airport manager.
6. pose problems which may occur in dealing with citizens surrounding the airport and propose solutions to these problems.

CONTENT IN TERMS OF SPECIFIC BODY OF KNOWLEDGE:

I. AIRPORT PLANNING

- A. Intro/Overview - History
- B. Airport/Airway System
- C. Airport Ownership
- D. Airport Planning and Land Use
- E. Airport Capacity and Demand

II. AIRPORT OPERATIONS

- A. Part 150 and Airport Noise
- B. Airport Finance
- C. Airport Operations
- D. Part 139 Certification

- E. Airline Operations
- F. Part 107/108 Security
- G. Airport Property Management
- H. Airport Technology/AIP Grants

REQUIRED READING:

Wells, A. Airport Planning and Management. 4th edition. Blue Ridge Summit, PA: Tab Books, 2000.

FAA. Advisory Circulars, Series 120. Washington, DC:
United States Government Printing Office, Washington D.C., various years.

SUGGESTED READING:

Various Authors. Various appropriate articles in "Airport Services Management." Minneapolis, MN: Lakewood Publications, various months/years.

REQUIRED WRITING:

An assigned 5-page paper on a specific area of airport management

OUTSIDE ASSIGNMENTS:

Students are expected to spend a minimum of three hours per unit per week in class and on outside assignments, prorated for short-term classes.

Outside assignments include reading the text, reading assigned Advisory Circulars, studying class notes, and writing an assigned paper.

An individual project will be assigned. The student will investigate a specific airport manager duty and make an oral presentation to the class.

INSTRUCTIONAL METHODOLOGY:

Lecture, films, discussion

Check all that apply:

- lecture
- laboratory
- lecture-laboratory combination
- directed study

DISTANCE LEARNING:

This course may be offered as a distance learning course and meets Title 5 regulations 55370, 55372, 55374, 55376, 55378, and 55380.

Yes No

If yes, check all that apply:

- Television Course (Video one-way, e.g. ITV, video cassette, etc.)
- Online Course (Text one-way, e.g. newspaper, correspondence, electronic file, etc.)
- Two-Way Video Conferencing (Two-way interactive video and audio)
- One-Way Video Conferencing (One-way interactive video and two-way interactive audio)
- Computer Assisted Instruction (A specialized form of mediated instruction relying primarily on student access to information and prepared lessons or teaching materials through a computer terminal, but not under immediate supervision of a qualified instructor.)

GRADING POLICY AND STANDARDS (include methods of determining whether the stated objectives have been met by students):

3 tests, 1 project, and 1 paper each 20% of course grade.

IS COURSE REPEATABLE FOR REASON(S) OTHER THAN DEFICIENT GRADE?

Yes No Number of times course may be taken for credit:

If yes, identify specific provision of Title 5 Division 2 section(s), 55761-55763 and 58161 which qualifies course as repeatable:

CONTACT PERSON:

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| SIGNATURES ON FILE |
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