



BROWARD COLLEGE COURSE OUTLINE

LAST REVIEW: 2009-2010
2007--2008)

NEXT REVIEW: 2014-2015

STATUS: A
A

COURSE TITLE: ATC Enroute Operations with Lab

COMMON COURSE NUMBER: ATT 2824C

CREDIT HOURS: 3

CONTACT HOUR BREAKDOWN

(per 16 week term)

CLOCK HOURS:
(Voc. Course ONLY)

Lecture: **48**

Lab: **24**

Clinic:

Other:

PREREQUISITE(S): ATT1100, ASC1100, ATT2820, ATT1810

COREQUISITE(S):

PRE/COREQUISITE(S):

COURSE DESCRIPTION :

This course covers the JO7110.65 Air Traffic Control Manual Chapters 4, 5, 6, 7, 8, 9, 10, 11, 12, and 13, JO7350.7 Location Identifiers, IFR Enroute Low and High Altitude Charts. These orders cover the fundamental rules and procedures required in the Enroute environment commonly referred to as the CENTER. This course teaches the requirements needed in an enroute facility that utilizes air/ground communications and other devices to provide ATC services to aircraft operating along the Federal Airways and Jet Route Systems. The lab portion will mirror a sector in operation at Miami Center. The student will be required to demonstrate practical application of the rules and procedures in use at this center sector.

UNIT TITLES

- 1. Assistant Controller**
- 2. Nonradar and Radar Associate Controller Fundamentals**
- 3. Nonradar and Radar Associate Controller**
- 4. Radar Controller**
- 5. Enroute Simulator Lab**



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EVALUATION:

Student will be assessed regarding course outcomes through a series of oral and/or written quizzes and exams to include demonstrated capability on the associated ATC radar simulators based on scenarios developed to mirror the Atlantic Sector or Coastal Sector in operation at Miami Center (ZMA).