Course Number: AIRP 7070

Course Title: Commercial Pilot Ground School

Course Description: Learn advanced aerodynamics, aircraft performance and limitations, weight and balance, commercial regulations, advanced navigation, and review weather, navigation, and airspace. All instruction is designed to prepare students in passing the examination and certification as a commercial pilot. To earn credit for the class, participants must pass a written exam. After satisfactory completion of the course, participants can sit for the FAA written exam. Tuition does not include the FAA exam fee. Students are encouraged to complete Advanced Weather for Pilots prior to taking this course.

Suggested Course Prerequisite(s): Instrument Rating or Instrument Ground School

Course Resources: N/A

Student Learning Outcomes:
1. Study advanced flight instrument systems
2. Study advanced performance and limitations including weight and balance
3. Study Commercial FARs
4. Study Advanced navigation
5. Review Weather, airspace, and night operations

Certification Notes: N/A

Next course recommendation: N/A

Refund Policy: Please refer to www.collin.edu/ce/inforegistrar.html for our refund policy. No refunds after the start time of the first class.

Americans with Disabilities Act: Collin College will adhere to all applicable federal, state and local laws, regulations and guidelines with respect to providing reasonable accommodations as required to afford equal opportunity. It is the student’s responsibility to contact the ACCESS office, SCC-D140 or 972.881.5898 (V/TTD: 972.881.5950) to arrange for appropriate accommodations. See the current Collin Student Handbook for additional information.

Course Sessions: Listed are guidelines to indicate all topics that will be covered during your course. Do not plan your personal calendar based on these sessions. Your instructor will give you a calendar for your class that will indicate specific topics, assignments, and days.

Lesson Plan – by week or session:

Session 1: Chapter 11- Advanced Systems
Session 2: Chapter 12- Advanced Aerodynamics and Performance
Session 3: Chapter 12- Performance and weight and balance
Session 4: Chapter 13- Commercial flight considerations
Session 5: Chapter 9 – Weather review
Session 6: FAR/AIM – FAR part 61, 91, 119, NTSB 830.
Session 7: Navigation review  
Session 8: Airspace and ATC review  
Session 9: Airman's Information Manual, A/FD, and aviation publications  
Session 10: Final Exam  

**Method of Evaluation:** Unless otherwise stated, course completion is evaluated on the basis of attendance. Students must be in attendance 90% of each course in a certificate series for successful completion and to earn a certificate as specified.