11. **Flight instructor refresher course.** An approved special preparation flight instructor refresher course must include at least a combined total of 16 hours of aeronautical knowledge training, flight training, or any combination of ground and flight training on the following—

(a) Aeronautical knowledge training on:
   (1) The aeronautical knowledge areas of part 61 of this chapter that apply to student, recreational, private, and commercial pilot certificates and instrument ratings;
   (2) The aeronautical knowledge areas of part 61 of this chapter that apply to flight instructor certificates;
   (3) Safe piloting operating practices and procedures, including airport operations and operating in the National Airspace System; and
   (4) Applicable provisions of parts 61 and 91 of this chapter that apply to pilots and flight instructors.

(b) Flight training to review:
   (1) The approved areas of operations applicable to student, recreational, private, and commercial pilot certificates and instrument ratings; and
   (2) The skills, competency, and proficiency for performing flight instructor duties and responsibilities.

12. **Ground instructor refresher course.** An approved special preparation ground instructor refresher course must include at least 16 hours of aeronautical knowledge training on:

(a) The aeronautical knowledge areas of part 61 of this chapter that apply to student, recreational, private, and commercial pilots and instrument rated pilots;

(b) The aeronautical knowledge areas of part 61 of this chapter that apply to ground instructors;

(c) Safe piloting operating practices and procedures, including airport operations and operating in the National Airspace System; and

(d) Applicable provisions of parts 61 and 91 of this chapter that apply to pilots and ground instructors.

13. **Airline transport pilot certification training program.** An approved airline transport pilot certification training program must include the academic and FSTD training set forth in §61.106 of this chapter. The FAA will not approve a course with fewer hours than those prescribed in §61.106 of this chapter.


**APPENDIX L TO PART 141—PILOT GROUND SCHOOL COURSE**

1. **Applicability.** This appendix prescribes the minimum curriculum for a pilot ground school course required under this part.

2. **General requirements.** An approved course of training for a pilot ground school must include training on the aeronautical knowledge areas that are:

   (a) Needed to safely exercise the privileges of the certificate, rating, or authority for which the course is established; and
   (b) Conducted to develop competency, proficiency, resourcefulness, self-confidence, and self-reliance in each student.

3. **Aeronautical knowledge training requirements.** Each approved pilot ground school course must include:

   (a) The aeronautical knowledge training that is appropriate to the aircraft rating and pilot certificate level for which the course applies; and
   (b) An adequate number of total aeronautical knowledge training hours appropriate to the aircraft rating and pilot certificate level for which the course applies.

4. **Stage checks and end-of-course tests.** Each person enrolled in a pilot ground school course must satisfactorily accomplish the stage checks and end-of-course tests, in accordance with the school’s approved training course, consisting of the approved areas of operation that are appropriate to the operating privileges or authorization that graduation from the course will permit and for which the course applies.

**APPENDIX M TO PART 141—COMBINED PRIVATE PILOT CERTIFICATION AND INSTRUMENT RATING COURSE**

1. **Applicability.** This appendix prescribes the minimum curriculum for a combined private pilot certification and instrument rating course required under this part, for the following ratings:

   (a) Airplane.
   (1) Airplane single-engine.
   (2) Airplane multiengine.
   (b) Rotorcraft helicopter.
   (c) Powered-lift.

2. **Eligibility for enrollment.** A person must hold a sport pilot, recreational, or student pilot certificate.