The Federal Aviation Administration (FAA) has recently awarded Baylor University Aviation Science the authority to certify our “Professional Pilot” degree graduates for an Airline Transport Pilot (ATP) certificate with reduced aeronautical experience (R-ATP). In order to be certified for the **500-hour reduction via 14 CFR §61.160(b)**, the student must:

1. Complete all requirements of the Bachelor of Science in Aviation Science (BSA) degree.
2. Complete FAA approved ground and flight training. Specifically:
   - **Required FAA Part 141 Ground School** (6 credit hours)
     - AVS 1303 Instrument Rating Ground School w/ a minimum grade of “C” earned
     - AVS 2304 Commercial Pilot Ground School w/ a minimum grade of “C” earned
   - **Required FAA Part 141 Flight Training** (6 credit hours)
     - AVS 1332 Instrument Rating Flight w/ a minimum grade of “C” earned
     - AVS 2334 Commercial Pilot Flight II w/ a minimum grade of “C” earned
3. Complete an additional forty-eight (48) credit hours of FAA-approved collegiate aviation coursework from the following list of courses:

   **Additional Course Work**
   - AVS 1300 Intro to Aviation
   - AVS 1301 Air Navigation
   - AVS 1302 Private Pilot Ground
   - AVS 1313 Introduction to Meteorology
   - AVS 1331 Private Pilot Flight
   - AVS 2333 Commercial Pilot I
   - AVS 3235 Multi-Engine Flight
   - AVS 3236 CFI-A Flight
   - AVS 3304 Fundamental of Instruction
   - AVS 3305 CFI-A Ground
   - AVS 3310 Aviation Law
   - AVS 3311 Aircraft Accident Investigation
   - AVS 3312 Aviation Safety
   - AVS 3315 Aviation Meteorology
   - AVS 3320 Flight Crew Career Development
   - AVS 3350 Intro to Space Weather
   - AVS 3370 Aviation Leadership
   - AVS 4237 CFI-I Flight
   - AVS 4238 Multi-Engine Instructor Flight
   - AVS 4314 Transport Category Aircraft Systems
   - AVS 4315 Aerodynamics
   - AVS 4375 Crew Resource Management
   - AVS 4376 Aviation Management
   - AVS 4390 Internship

A student who completes all requirements from paragraphs 1 and 2 and completes at least 30 credit hours but less than 60 credit hours of additional coursework from paragraph 3 can be certified for a **250 hour reduction via 14 CFR §61.160(d)**.