

John D. Odegard School of Aerospace Sciences
Aviation Department – UAS Program Flight Policies

SUBJECT: II.20. Enrolling in UAS Operations major with previous flight and/or academic training.

PURPOSE: To stipulate requirements for current UND Aviation students who elect to change majors to UAS Operations or elect to change UAS *tracks within the UAS Operations major.

*Note the 2 tracks in the UAS Operations Major are:

- Low Altitude UAS Commercial Applications and Operations (Small UAS Commercial).
- Medium/High Altitude Long Endurance UAS Commercial Applications and Operations (Large UAS Commercial).

POLICY: Listed below is the policy for changing to UAS Operations major or changing tracks with the UAS Operations major. Course descriptions and additional enrollment requirements are provided in the UND Academic Catalog.

Students are encouraged to choose a track no later than completing Block 2 of the flight training in Avit 221. Students transferring after the completion of Block 3 will encounter difficulties with their Part 141 academic and flight courses and should expect a delay in their flight training.

Each UAS track involves a different Part 141 FAA approved course; therefore UND is required by federal regulations to follow transfer rules provided in FAR Part 141 and recognized by the FAA. Aviation courses, such as Avit 323 or 324, that were taken when not enrolled in the Commercial/Instrument –SMEL Airplane course will not be credited into the Commercial/Instrument – SMEL curriculum and will be required to be retaken.

1) Students Transferring from Large UAS Commercial track to Small UAS Commercial track.

- a. Students who are currently enrolled in the *UND Commercial/Instrument SMEL course* will be allowed to transfer 141 flight training from the *Commercial/Instrument SMEL course* to the *Stand Alone Part 141 Instrument course* up through the completion of Block 3 of Avit 222 flight course.
- b. Students who desire to transfer after start of Block 3 of the *Commercial/Instrument SMEL flight course* will be required to retake all flight lesson content in Block 4 of the *Stand Alone Part 141 Instrument flight course* and have completed Avit 222 academic course within 1 calendar year of starting the course, to receive a Part 141 graduation certificate in the *Stand Alone Part 141 Instrument course*.
- c. Students who have completed through Block 4 of the *Commercial/Instrument SMEL flight course* and desire to transfer will be allowed to do so without further training. These students will not receive an instrument rating, unless Part 61 requirements are met and a Practical Test, administered by the FAA, is satisfactorily completed. This FAA Practical test is not required for course completion of Avit 222, but all training must be completed through Block 4 of either *UND Commercial/Instrument SMEL course or Stand Alone Part 141 Instrument course for the Small UAS Commercial track*.

- d. In order to qualify for the R-ATP Institutional Authorization minimums, FAA Regulations require the Commercial Course (Avit 221 – Avit 325) and associated fixed-wing flight training be completed under the FAA-Approved Part 141 training program. Students taking the Unmanned Aircraft Systems Operations Degree with a Small UAS Commercial track will not qualify for the R-ATP reduced hour minimums unless they elect to take Avit 221, Avit 222, Avit 323, Avit 324, and Avit 325 and complete all associated fixed-wing flight training.

2) Students Transferring from Small UAS Commercial Track to Large UAS Commercial track

- a. Students who have not completed the *Stand Alone Part 141 Instrument course*, per federal aviation regulations and FAA guidance, will be allowed to transfer 141 flight training from the *Stand Alone Part 141 Instrument course* to the *Commercial/Instrument SMEL course*.
 - 1. Students who transfer after completing Block 4 of the *Stand Alone Part 141 Instrument* flight course will be required to:
 - (1) Retake Avit 323, Avit 324 as applicable (all courses must be taken after being enrolled in *UND's Commercial/Instrument SMEL course*).
 - (2) Any flight training conducted in Avit 222 in the Stand Alone Part 141 instrument course will be credited into UND's Commercial/Instrument SMEL course as allowed by Part 141 regulations

3) UAS students in Small UAS Commercial track taking Avit 323.

- a. In replacement of the 8% flight points, UAS students will be given an alternative flight related assignment managed by UAS flight operations instead of airport flight operations. Academic instructors teaching Avit 323 will be given the flight portion grade for the 8% by UAS flight operations on the same date they are given flight points for airport flight operations.

4) All UAS flight courses may be taken concurrently with one additional fixed-wing/helicopter flight course.

- a. All academic and flight prerequisites must still be met to enroll in UAS flight courses. Students who elect the rigorous time and financial commitment of taking two flight related courses concurrently will be held to the same standard for course completion. Students who take on this additional commitment will not cancel a scheduled UAS flight simulator or UAS flight sortie in order to complete or make-up a fixed-wing/helicopter flight event. This will not be an acceptable excuse for canceling a scheduled event and may result in financial and academic consequences. Students not meeting activity requirements in a flight course may receive a failing grade in the corresponding academic class.

- 5) Students can complete all their fixed-wing/helicopter flight training requirements for the UAS Operations degree in a fix-wing or helicopter at UND. In summary,**
- a. Students in Low Altitude UAS Commercial Applications and Operations will be required to obtain the equivalent of a Private pilot with Instrument Rating in a helicopter
 - b. Students in Medium/High Altitude Long Endurance UAS Commercial Applications and Operations will be required to get the equivalent of a Commercial pilot certificate with Instrument Rating in a helicopter.
 - c. Case by case waivers in regards to prerequisites for those enrolled in helicopter flight training who do not require their Commercial certificate, will be addressed as needed.
- 6) Students enrolled in flight courses operated under FAR's Part 61 or 141 are required to complete all lessons and stage checks in those aviation courses. Once enrolled at UND all subsequent flight training, including UAS, required in the academic major must be completed with flight instructors employed by and in aircraft and simulators operated in conjunction with the University of North Dakota.**