

# Austin Peay State University 2020-2021 Undergraduate Bulletin

## Rotor-Wing Concentration 4YP

**Department of Engineering Technology**  
**Aviation Science, B.S.**  
**\*Sample Four Year Plan**

<b>First Year Fall I Semester</b>	<b>SCH</b>	<b>First Year Spring I Semester</b>	<b>SCH</b>
AVI 1000-Introduction to Aviation Science	3	AVI 1060-Flight Navigation <sup>A</sup>	3
APSU 1000-Freshmen Seminar	1	ENGL 1010-English Composition I	3
MATH 1710-College Algebra	3		
<b>TOTAL SCH</b>	<b>7</b>	<b>TOTAL SCH</b>	<b>6</b>
<b>First Year Fall II Semester</b>	<b>SCH</b>	<b>First Year Spring II Semester</b>	<b>SCH</b>
AVI 1020-Aviation Regulations	3	AVI 1100-Rotor-Wing Private Pilot Lab I	2
AVI 1040-Private Pilot Operations	3	Humanities and/or Fine Arts	3
		AVI 2000-Instrument Flight Operations <sup>A</sup>	3
<b>TOTAL SCH</b>	<b>6</b>	<b>TOTAL SCH</b>	<b>8</b>
<b>First Year Summer Semester</b>	<b>SCH</b>		
AVI 2100-Rotor-Wing Private Pilot Lab II <sup>B</sup>	2		
COMM 2045-Public Speaking	3		
ENGL 1020-English Composition II	3		
<b>TOTAL SCH</b>	<b>8</b>		
<b>Second Year Fall I Semester</b>	<b>SCH</b>	<b>Second Year Spring I Semester</b>	<b>SCH</b>
AVI 2120-Instrument Flight Operations Lab I	2	AVI 2020-Commercial Flight Operations <sup>A</sup>	3
History Core	3	PHYS 1010/1011 - Concepts: Motion, Heat and Sound w/lab	4
MGT 1110 - Introduction to Business	3		
<b>TOTAL SCH</b>	<b>8</b>	<b>TOTAL SCH</b>	<b>7</b>
<b>Second Year Fall II Semester</b>	<b>SCH</b>	<b>Second Year Spring II Semester</b>	<b>SCH</b>
AVI 2140-Instrument Flight Operations Lab II <sup>B</sup>	2	AVI 3000-Flight Safety Management	3
History Core	3	AVI 3100-Commercial Flight Operations Lab I	2
PSYC 1030 - Introduction to Psychology	3	AVI 3070-Certified Flight Instructor <sup>A</sup>	3
<b>TOTAL SCH</b>	<b>8</b>	<b>TOTAL SCH</b>	<b>8</b>
<b>Second Year Summer Semester</b>	<b>SCH</b>		

AVI 3120-Commercial Flight Operations Lab II <sup>B</sup>	2		
AVI-3020 Aerodynamics	3		
GEOG 1015 - Physical Geography	3		
<b>TOTAL SCH</b>	<b>8</b>		
<b>Third Year Fall I Semester</b>	<b>SCH</b>	<b>Third Year Spring I Semester</b>	<b>SCH</b>
AVI 3060-Rotor-Wing Aircraft Design	3	AVI 4000-Certified Flight Instructor Instrument <sup>A</sup>	3
AVI 3040-Air Traffic Control	3	Natural Science Core	4
AVI 3140-Certified Flight Instructor Lab I	2		
<b>TOTAL SCH</b>	<b>8</b>	<b>TOTAL SCH</b>	<b>7</b>
<b>Third Year Fall II Semester</b>	<b>SCH</b>	<b>Third Year Spring II Semester</b>	<b>SCH</b>
AVI 3080-Aviation Meteorology	3	AVI 4120-Certified Flight Instructor/Instrument Lab <sup>B</sup>	2
AVI 3090-Prime Mover Technologies	3	Upper Division Elective*	3
AVI 4100-Certified Flight Instructor Lab II <sup>B</sup>	2	ENGL 2330-Topics in World Literature	3
<b>TOTAL SCH</b>	<b>8</b>	<b>TOTAL SCH</b>	<b>8</b>
<b>Third Year Summer</b>	<b>SCH</b>		
AVI 4020-Night Vision Systems	3		
Humanities and/or Fine Arts	3		
<b>TOTAL SCH</b>	<b>6</b>		
<b>Fourth Year Fall I Semester</b>	<b>SCH</b>	<b>Fourth Year Fall II Semester</b>	<b>SCH</b>
Upper Division Elective*	3	AVI 4160-Capstone	3
AVI 4040-Mountain Flight Operations	3		
<b>TOTAL SCH</b>	<b>6</b>	<b>TOTAL SCH</b>	<b>3</b>
		<b>Total Credit Hours for Degree</b>	<b>120</b>

Note <sup>A</sup> - FAA Knowledge Test

Note <sup>B</sup> - FAA Practical Test

\* 3000-4999 level course in AVI, ENGT or MGT with advisor approval