

**School of Educational Studies  
Aviation and Space**  
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Degree Program(s) Assessed	Assessment Methods	Number Of Individuals Assessed
Aviation and Space I. BS II. MS III. Ed.D.	I. The BS is assessed by graduation checks.	44
	II. The MS is assessed by the faculty reviewing the creative component.	11
	III. The Ed.D. is assessed by looking at the comprehensive examinations and reviewing the responses of the students. Each student is given eight questions to answer over a two-day period.	8

**Analysis and Findings**

The following information demonstrates a breakdown of students in the various aviation degree options. This information was useful in determining the frequency and type of class based on majors and graduation numbers.

***Bachelor of Science in Aviation Science Degree***

	Professional Pilot	Aviation Management	Technical Services	Total
Graduates	19	25	1	45

***A total of 45 BS degrees were used for spring, summer and fall 2003 data.***

**MS** - All MS students defended their creative components. Students demonstrated proficiency in their research design and objectives. The committee members for all students accepted the creative components.

**Ed.D.** - All the students passed the comprehensive examinations. No students had to rewrite questions.

**Uses of Assessment Results**

A review of the needs of the aviation industry, recent aviation graduates, advancements in technology, and program objectives demonstrated the need for changes in course curriculum. The following chart shows proposed revision for Aviation Education curriculum.

New Courses:	Courses Deleted:	Course Title Changes:
AVED 5333* Aircraft Performance AVED 5363* Aircraft Systems AVED 5453* Advanced Aviation Security AVED 5543* Advanced Communications in Aviation Organizations AVED 5563* Aviation Leadership and Management AVED 5663* Issues in the Airline Industry AVED 5883* Aviation Economics AVED 5963* Airport Operations	AVED 5843* Space Science: The Outer Planets and Probes AVED 5853* Earth Observations: Air	AVED 5823* Space Science: Sun, Inner Planets and Asteroid Belt <b>to</b> AVED 5823* Space Science AVED 5813* Earth Observations: Land <b>to</b> AVED 5813* Earth Observations: Land and Air
		<b>Course Credit Change:</b>
		AVED 5000* Master's Report or Thesis 1-3 Credits <b>to</b> 1-6 Credits
		<b>*Approved for Graduate Credit</b>

**MS** - Aviation Education Curriculum

**BS** - The retirement of an assistant professor on the OSU campus, in addition to the inclusion of more graduate courses, has created the need to begin the search for another faculty member.

**MS** - Creative Components need to be assigned to a more specific class. AVED faculty is currently reviewing the criteria for completion and submission of the Creative Component and determining if modification is necessary. The Aviation and Space Program Outcome Assessment Model is currently being revised to include the graduate programs.

**Ed.D.** - The comprehensive examinations brought out the knowledge of the students. The students were able to demonstrate the key concepts learned and mastered in the Ed.D. classes. At this time, the Ed.D. program is under review for reinstatement.