

2016-17 Department Student Success Plan Assessment Report

Aviation Technology

Please answer the following questions in two pages and submit to your Dean by October 2. Your Dean will offer you feedback by Oct. 16 and advance final version¹ to Academic Affairs by October 20. This report will inform your 2017-18 Student Success Plan update that will be due to your Dean by Nov. 3. Previous report and plans can be found at this website: <http://irt2.indstate.edu/cms7/sp16/index.cfm/department-plans/>.

Person Primarily Responsible for Preparing this Report: Dr. Richard Baker

1. Specific accomplishments/achievements this past year (briefly explain using bullet points, noting any changed/adapted):

1. Increased graduation rates are indicative of the changes that have been incorporated into the various programs in the department.
 - a. Increased graduation rate (6.9%) by *Original* college/department from previous academic year.
 - b. Increased graduation rate (3.89%) by *Latest* college/department from previous academic year.
2. Participated in planned retention/persistence events and programs in the COT.
 - a. Increase in cohort size by *Original* (10) and *Latest* (12) college/department.
 - b. Each event was developed to assist students in gaining information.
 - c. Example events include fall welcome, priority registration, career center services, last day to drop, It's on Blue, etc. that assists them in persisting.
3. Participated in New Student Orientation by talking with students/families in small groups about their chosen majors and answering academic content-related (and flight fees) questions for 25 minutes per NSO.
4. Updated COT Residential Housing Program to link themed housing to specific learning communities/courses during the freshmen year.
5. Continued to make flight fees readily available and answer questions with prospective students and their parents about the cost of flight training.
 - a. Helps make informed decisions regarding which AVT major is right for them.
 - b. Sometimes the single most over-looked issue by excited students and parents.
6. Attended weekend advising sessions to assist students take advantage of priority registration.
7. Participated in expanded pilot program "Destination Success."
 - a. Destination Success focuses (with specific outcome-based objectives) on student success in COT female STEM students
 - b. Uses both academic and career center programming.
 - c. Objective was expanded to increase representation of a more diverse student population.
8. Continued assistance to students and parents with directions to Student Financial Aid
 - a. Identifies additional assistance for those students needing extra support for flight fees.
 - b. Adapted as greater need and importance was shown through the academic year.
9. Contacted students who are eligible to register, but have not; via email and newly implemented, via telephone.
10. Contacted (email and letter to permanent address) sophomores, juniors, and seniors who showed deficient on interim grade reports.
11. Continued with pre-graduation checks of all students who have applied for graduation so that deficient requirements can be met prior to graduation.

¹ Dean will request a refinement to the report if it is not suitably addressing the questions. Report will be shared with Trustees.

2. Objective/Actions Not Achieved (*briefly explain using bullet points*):

1. Updated COT Residential Housing Program to link themed housing to specific learning communities/courses during the freshmen year.
 - a. Was dependent upon the students being distributed evenly between the two AVT141 classes.
 - b. During the New Student Orientation, registrations were slowed to one class period thereby making most freshmen unavailable for flight in the morning hours.
2. Continued to make flight fees readily available and answer questions with prospective students and their parents about the cost of flight training.
 - a. Sometimes difficult concept for how much cost and how quickly the hours progress for parents unaccustomed to aviation.
 - b. Even with website information, NSO packets, and handouts to students and parents, the enthusiasm often overrides the budget for some and they leave the program.
3. Due to a change in personnel and loss of our administrative assistant, we were unable to add a list of frequently asked questions (FAQs) and Flight Academy policies to the New Student Orientation handouts for all parents and students.

3. Attention areas going forward as informed by 2016-17 retention, completion, course completion ratio, credit hour productivity, and D/F/drop rate data provided as well as other Blue Report or departmental data (*briefly explain using bullet points*).

1. Redouble our efforts to add a list of frequently asked questions (FAQs) and Flight Academy policies to NSO handouts. This is an excellent way to cover many of the common questions asked year after year.
2. Increase the visibility of our "Drone Racing Club" to draw more robotics interested students into unmanned systems.
3. The flight fee process for the students and parents is still cumbersome and hard to comprehend. We will address through a diagram and simplification of the process.
4. Coach students on scholarship programs and other funding available such as those through the Aviation Association of Indiana (AAI) and how to apply.
5. Work with the ISU Flight Academy to help rectify issues in student flight scheduling and flight instructor availability.
 - a. We have more students than we have available flight instructors to support them.
 - b. Many students have paid their full semester amount to fly and are still not scheduled.
 - c. We will work with university leadership, financial office, and the academy Chief and Assistant Chief Instructor Pilots to identify a solution.
6. With the identified loss of some faculty at the end of this academic year, we will begin searches early for the Fall 2018 semester to identify new and innovative teaching talent for the Department.
7. Decrease in retention rate by *Original* (-7.80%) and *Latest* (-5.19%) college/department.
 - a. Will examine DWF rates in major specific courses and work with University College regarding intrusive advising.
8. Decrease in fall average credit hour enrolled (-0.46), fall average credit hour earned (-0.35), and spring average credit hour enrolled (-0.86), and spring average credit hour earned (-1.04) from previous academic fall and spring semesters.
 - a. Will examine DWF rates in major specific courses and consult with faculty advisors and COT professional advisors.
9. Decrease in lower (-6.07%) and upper (-2.06%) division course completion ratio.
 - a. Will examine DWF rates in lower and upper division major specific courses