	Program Learning Outcomes What do you expect all students who complete the program to know, or be able to do?
Aerospace Engineering	(a) through (k)
	(a) through (k), an understanding of biology and physiology, and the capability to apply advanced mathematics (including differential equations and statistics), science, and engineering to solve the problems at the interface of engineering and biology; an ability to make measurements on and interpret data from living systems, addressing the problems associated with the interaction between living and non-living materials and systems.
Biomedical Engineering	
	(a) through (k), l) apply knowledge of four techn
Civil Engineering	

	(a) through (k), l. Knowledge and application of probability, statistics, and advanced math. m. Knowledge of mathematics and the basic sciences, computer science, and engineering sciences necessary to analyze and design complex electrical and electronic systems which may include hardware and software. n. Knowledge of discrete mathematics.
Computer Engineering	(a) through (k), l. Knowledge and application of probability, statistics, and advanced math. m. Knowledge of mathematics and the basic sciences, computer science, and engineering sciences necessary to analyze and design complex electrical and electronic systems which may include hardware and software. n. Knowledge of discrete mathematics.
Electrical Engineering	(a) through (k)
Mechanical Engineering	

	(a) through (k)
Engineering Physics	
Flight Science	the ability to apply knowledge of mathematics, science, and applied sciences to aviation-related disciplines, an ability to analyze and interpret data, an ability to function on multi-disciplinary and diverse teams, an understanding of professional and ethical responsibility, an ability to communicate effectively, including both written and oral communication skills, a recognition of the need for, and an ability to engage in, life-long learning, a knowledge of contemporary issues, an ability to use the techniques, skills, and modern technology necessary for professional practice, an understanding of the national and international aviation environment, an ability to apply pertinent knowledge in identifying and solving problems, an ability to apply knowledge of business sustainability to aviation issues.
Aviation Management	

Curriculum Mapping	Assessme
Where is the outcome learned/assessed (courses, internships, student teaching, clinical, etc.)?	How do students demonstrate their perfo outcomes? How does the program meas your direct measures from indirect meas
	Direct
Outcomes learned in course work. Assessed via graded home work, quizzes, exams, projects, laboratory reports, senior capstone design project	1. Graded samples of student work, instructor's course assessment, every semester 2. Senior Design
Outcomes learned in course work. Assessed via graded home work, quizzes, exams, projects, laboratory reports, senior capstone design project reports, senior exit survey, student self assessment,senior design poster day	1. Graded samples of student work, instructor's course assessment, every semester 2. Senior Design Presentation evaluation by industry 3. Senior design poster evlaution by industry
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nt Methods	Use of Assessment Data	Accreditation Body
rmance of the program learning sure student performance? Distinguish ures.	How does the program use assessment results to recognize success and "close the loop" to inform additional program improvement? How/when is this data shared, and with whom?	
Indirect		
Student exit survey (annual), student self-survey (every semester)	Assessment results shared with faculty members, discussed in departmental meetings.	ABET- Assessment plan developed from resources available
Student exit survey (annual), student self-survey (every semester)	Assessment results shared with faculty members, discussed in departmental meetings. Discussions and feed back are also obtained from industry advisory committee at least once a year. Once a year each department also holds a town hall meeting with the students where information is shared with the students and feed back obtained. On line alumni survey data is collected annually and data summarized and discussed in departmental meetings.	ABET- Assessment plan developed from resources available on line. In addition many faculty members attend workshops, webinars related to assessment.
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