

Minor in Aeronautics

This minor provides foundational knowledge in aerospace engineering with an emphasis on aeronautics. Students explore the principles of aircraft performance, aerodynamics, propulsion, and flight systems, gaining an understanding of how engineering concepts are applied to the design, analysis, and operation of air vehicles.

Some majors may not be eligible to pair with this minor. See the Minor Restrictions (<https://catalog.erau.edu/programs/undergraduate/minors/restrictions/>) list for details.

Prescott Minor Requirements

AERO 301	Aerodynamics I	3
AERO 302	Aerodynamics II	3
AERO 314	Experimental Aerodynamics	1
AERO 314L	Experimental Aerodynamics Laboratory	1
AERO 423	Airplane Stability, Dynamics, and Control	3
ESCI 206	Fluid Mechanics	3
Choose One of the Following:		3
AERO 317	Aircraft Flight Mechanics and Performance	
AERO 411	Advanced Experimental Aerodynamics	
AERO 415	In-Flight Laboratory	
AERO 419	Fundamentals of Wind Energy	
AERO 433	Aerodynamics of the Helicopter	
MECH 360	Airbreathing and Rocket Propulsion	
Total Credits		17