

AMT100 : Introduction to Aviation and Aerospace

This course provides a broad introduction to the history of aviation and aerospace as well as aircraft types by considering a number of topics related to the role, function and operation of aircraft. The course introduces the fundamental science of flight (aerodynamics), propulsion and structures. Emerging technologies and contemporary issues in aviation and aerospace are also addressed to facilitate an understanding of emerging challenges in 21st century. The course will provide essential knowledge relating to all technical aspects of aviation, including but not limited to aircraft operation, structures, systems, powerplants and maintenance, repair & overhaul (MRO).

Credits 3

Prerequisites

[ENL108](#): Critical Reading & Thinking or [ESL201](#): English for Speakers of Other Languages III: Advanced or satisfactory basic skills assessment score

Semester Offered

Fall

Spring

Summer