AIRFOILS

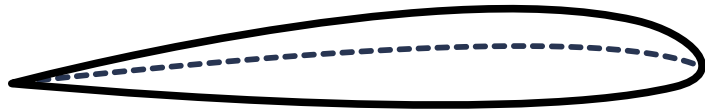UPPER SURFACE

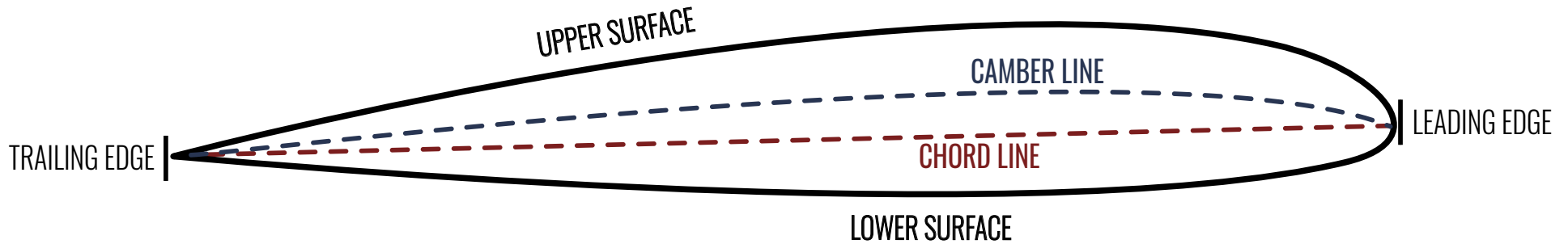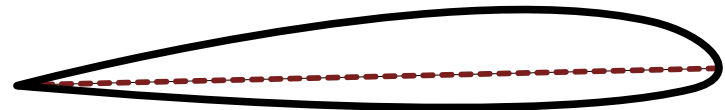CAMBER LINE

LEADING EDGE

TRAILING EDGE
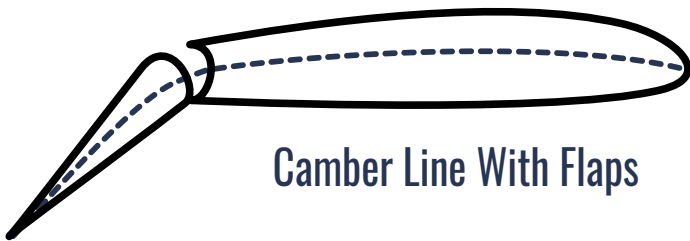
CHORD LINE

LOWER SURFACE

Camber Line

A line between the leading edge and trailing edge, where all points along the line are equidistant from the upper and lower surface. essentially shows how curved the wing is
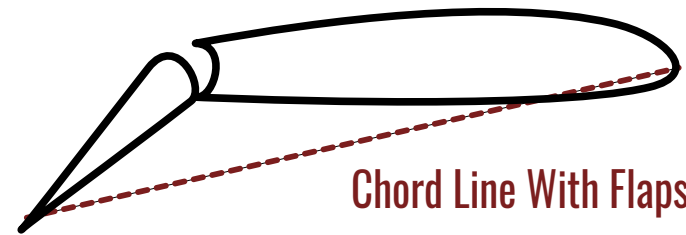
Chord Line

A direct line between the leading edge and the trailing edge. important in determining angle of attack (AOA).

Camber Line With Flaps

Chord Line With Flaps

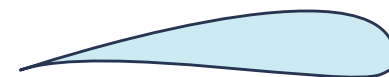## DIFFERENT WINGS FOR DIFFERENT THINGS
Airfoils are shaped differently to accomplish different goals.

SYMMETRICAL

HIGH CAMBER

PROPELLER

HIGH SPEED

CAMBERED

JET TURBINE BLADE