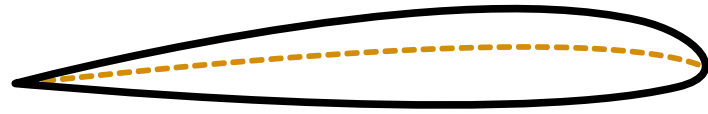
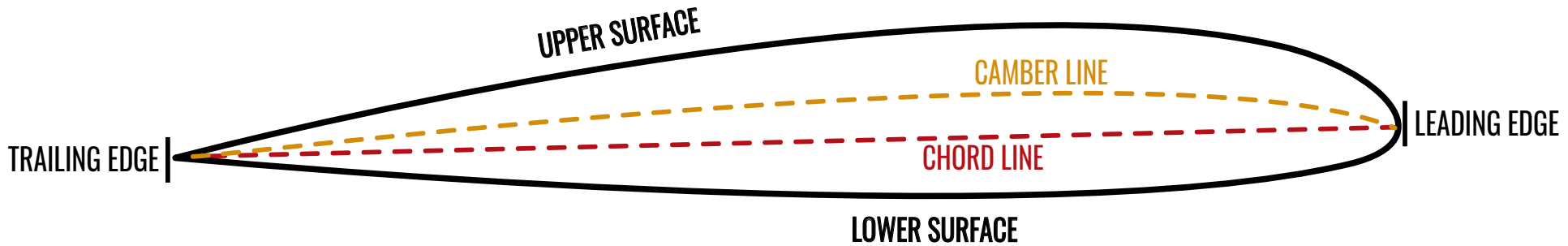


# AIRFOILS

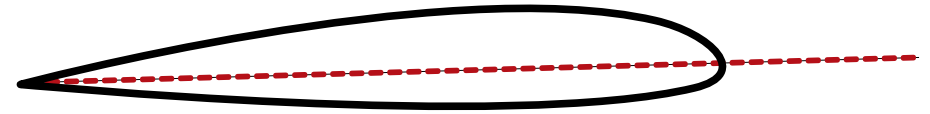


# FLIGHT APPRENTICE



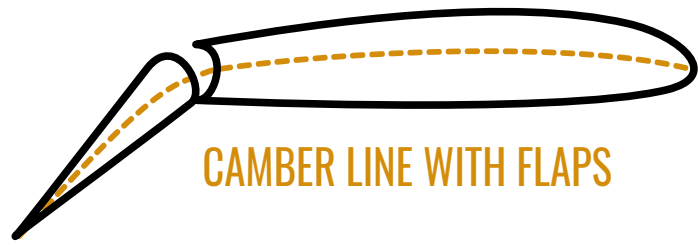
### CAMBER LINE

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).



## DIFFERENT WINGS FOR DIFFERENT THINGS



SYMMETRICAL



HIGH CAMBER



PROPELLER



HIGH SPEED



CAMBERED



JET TURBINE BLADE