TFES Lab (ME EN 4650)
Airfoil Aerodynamics: Grade Sheet*

Student Name:

Lab Section:

	Possible	Score
1. Plots:		
1a. Plot of C_L versus angle of attack α with errorbars + published results	9	
1b. Plot of C_D versus angle of attack α with errorbars + published results	9	
1c. Plot of C_p versus x/c for an angle of attack above and below stall	9	

	Possible	Score
Figure Captions: 2 pts per caption	6	

	Possible	Score
2. Short-Answer Questions:		
2a. State stall angle and describe variation of C_L and C_D with α	2	
2b. Uncertainty in measurements	2	
2c. Compare with published results	2	
2d. Design question	3	

	Possible	Score
3. Matlab Code:	8	

Total: **50**

* see the posted Handout for details regarding the specific requirements for each part