

TFES Lab (ME EN 4650)
Circular Cylinder Lab: Grade Sheet*

Student Name:

Lab Section:

	Possible	Score
1. Plots:		
1a. Plot of \bar{u}/U_∞ versus y/D with errorbars	6	
1b. Plot of σ_u/\bar{u} versus y/D	4	
1c. Plot of C_p versus θ with errorbars	6	
1d. Plot of C_D versus Re_D (compare published results with your data)	10	

Figure Captions: 2 pts per figure	8	
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2. Short-Answer Questions:		
2a. Wake thickness	2	
2b. Maximum uncertainties	2	
2c. Wake velocity profile	2	
2d. Percent difference between data and published CD	2	

3. Matlab Code: Must include adequate comments for full credit	8	
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Total: 50

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