

TFES Lab (ME EN 4650)
2D Conduction: Grade Sheet*

Student Names:

Lab Section:

	Possible	Score
1. Plots/Tables:		
1a. Contour plot of measured temperatures	2	
1b. Contour plot of computed temperatures	10	
1c. Contour plot of difference between measured & computed temperatures	4	
1d. Measured temperature distribution along edges (2 subplots)	4	
1e. Table of net heat flux across each edge	4	

Figure/Table Captions: 2 pts per caption	10	
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2. Short-Answer Questions:		
2a. Quantify agreement between measured and computed temperatures	3	
2b. How uniform are temperatures along edges	3	
2c. Estimate the power supplied to the TECs	2	

3. Matlab Code	8	
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Total: 50

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