

Ohio University
Department of Chemical Engineering
ChE-455/ChE-555: Analysis of Electrochemical Systems

Homework 3-Grading Rubric

Name:

Problem 1 (20 points)	Max	Points
1. Presentation of the problem and calculations. Follow all the steps required for the solution of electrochemical problems. Clear definitions of known and unknown information. Procedure easy to understand (correct reference to tables used). Organization of calculations.	1.5	
2. Discussion for part a	1.5	
3. Correct answer to part b	2	
4. Correct answer to part c	5	
5. Correct answer to part d	5	
6. Correct answer to part e and discussion.	5	

Problem 2 (20 points)	Max	Points
1. Presentation of the problem and calculations. Follow all the steps required for the solution of electrochemical problems. Clear definitions of known and unknown information. Procedure easy to understand (correct reference to tables used). Organization of calculations. All the reactions are labeled in the Pourbaix diagram	2.5	
2. Correct presentation of the Pourbaix diagram (reactions, connections)	10	
3. Correct answer to part a	2.5	
4. Discussion to part b. Justify your answer with the diagram	2.5	
5. Discussion to part c. Justify your answer with the diagram	2.5	

Max Points: 40

Total points:

Comments: