

Ohio University
Department of Chemical Engineering
ChE-455/ChE-555: Analysis of Electrochemical Systems
Winter Quarter 2009
Homework 1
Due: January 13, 2009

Read the article Industrial Electrolysis and Electrochemical Engineering by Grotheer, Alkire, Varjian, Srinivasan, and Weidner. Write a 2 pages essay about the article (use a word processor, memorandum style, 12 times new roman font, single space, 1" margins). Make sure to include in the analysis: What is Electrochemical Engineering? Cite examples of electrochemical technologies? Which of the technologies discussed in the article did you find more intriguing and why? Discuss the impact of Electrochemical Engineering in chemical processes and the environment?