**Electrochemistry Formula Sheet:**

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| **Facts to Know:**1. Oxidation occurs at the anode.
2. Reduction occurs at the cathode.
3. Oxidation occurs with a loss of electrons.
4. Reduction occurs with a gain of electrons.
 | **Cell Potential:** |
| **Gibbs Free Energy:** | **The Equilibrium Constant:** |
| **The Nernst Equation:** | **The Nernst Equation:** |
| **Unit Conversions for Electroplating:**\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | **Voltage (emf) and Work:****Charge and Current:** |
| **Additional Notes:**

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| --- | --- | --- | --- | --- |
| **Reaction:** | **Cell Potential:** | **Gibbs Free Energy:** | **Equilibrium:** | **Position of K:** |
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