

**LECTURE 22**  
**ELECTRONS IN CHEMISTRY: REDOX PROCESSES**

**I. Oxidation-Reduction Half-Reactions**

**II. Electrochemical Cell**

- A. Potential difference
- B. Salt bridge
- C. Galvanic cell
  - 1. Anode
  - 2. Cathode

**III. Standard reduction potentials**

- A. Standard half cell potentials
- B. Electrolytic cell