



**1.2.2** The Design and Construction of the Electrical Distribution Utility Upgrade shall comply with the following Standards:

- National Electric Code (NEC) 2011
- National Electric Safety Code (NESC) IEEE 2012
- NFPA 70E Standard for Electrical Safety in the Workplace 2012

**1.2.3 Project Risks Factors:**

- Maintaining building access and safety for students and staff (vehicular, pedestrian, ADA, etc.).
- The Design Team's ability to coordinate with the CM/GC and Subcontractors, Substation Design Team and HTW Design Team.
- Close coordination with Rocky Mountain Power.
- Maintaining electrical services to critical University operations (research, classroom, medical, public safety, etc.) without interruption.
- Scheduling: Note that electrical system interruptions will likely be limited to days and weeks when University academic, research, and medical functions are reduced. These limitations for shutdowns will be defined in each bid package.
- Procurement, delivery and staging of large pieces of equipment such as substation transformers, circuit breakers, and structural steel will require careful planning and coordination with all University facilities, Rocky Mountain Power, State of Utah Department of Transportation, Salt Lake City Public Works, and the Utah Transit Authority.