LEED NC is comprised of seven credit categories:

1. Sustainable Sites
2. Water EWfficiency
3. Energy and Atmosphere
4. Materials and Resources
5. Indoor Environmental Quality
6. Innovation in Design
7. Regional Priority

Prerequisities/Credits:

The first five categories require the achievement of certain minimum efficiency and environmental thresholds. These prerequisites need to be met before any other credits can be achieved. Once the prerequisites are achieved, the project team then designs and constructs the building to achieve credits within each of the seven categories. View the LEED scorecard for this project to see all of the credits the project team achieved.

Certification Levels:

There are four levels of Certification available based on the number of credits achieved. The levels are as follows:

Certified: 40-49 points
Silver: 50-59 points
Gold: 60-79 points
Platinum: 80-110 points

Highlights of the LEED NC Rating system as it applies to Chowdhari Golf Center:

Sustainable Sites:

Water Efficiency:

Use of low flow plumbing fixture reduced water use in the building by more than 20%

- 97% of the rebar
- 97% of the concrete block
- 91% of the concrete
- 95% of the drywall
- 100% of the carpet
- 100% of the landscaping

Indoor Environmental Quality:

The construction team adhered to a strict indoor air quality plan that included protection of all ductwork and stored materials. After construction, the indoor air quality was tested by a third party to insure the building delivered to USF was free from potential contaminants.

Volatile Organic Compounds (VOCs) are commonly found in paints, sealants, and adhesives. The paints, sealants, and adhesives used in this facility contained low or no VOCs thus reducing their potential negative health impact.

Lighting and mechanical control systems were designed with increased controllability. This allows individual users in the building to have a greater degree of control over their indoor environments increasing user satisfaction and typically decreasing energy consumption.