**Total Cost of Ownership**

**Determining True Cost of Ownership**  
Defining “true” cost of ownership requires an understanding of all costs expended over the full useful life of an item, both hard and soft. This includes estimated yearly cost of operation, including but not limited to:

* Implementation costs
* Infrastructure costs
* Installation costs
* Salaries and Benefits
* Training
* Maintenance and Repairs
* Curricular programs
* Operation

All capital construction will provide facilities that take into consideration meeting the needs of Victor Valley College, the cost of operating and maintaining those facilities, and the total cost of ownership (TCO).

Considerations:

* What potential impact will the product selection have on faculty effectiveness?
* What about student productivity, learning outcomes, pride, and retention?
* What about the declining staff of the M&O team and their workload?
* How about the IT department’s interface and workload?
* Employee morale?
* Your administration’s challenges with community perception regarding the expenditures of public funds?
* And how about the institution’s general credibility and image?

Facilities Planning Includes:

* Long-range capital planning (Educational Master Plan, Facilities Master Plan).
* Short-term capital planning (5-Year Plan, Space Inventory, Annual Updates, Scheduled Maintenance).
* Physical resources support institutional programs and services.
* Planning and evaluating facilities and equipment on a regular basis, taking utilization and other relevant data into account.
* Planning documents that are up-to-date and are in line with the college mission, values and goals.

Important Planning Criteria:

* Facilities design standard developed to ensure that new and renovated facilities are designed and constructed in accordance with VVCCD operational criteria.
* Energy efficiency and sustainability is of high importance.
* Architectural design criteria include functionality, durability, maintainability, and environmental responsiveness.
* Furnishings are selected using criteria that include comfort, ergonomics, durability, maintainability, and longevity.
* Design of new systems keeping with existing systems to ensure that maintenance staff has knowledge, tools and equipment to operate and maintain.