



OVERVIEW

A Troon Golf Experience, Lookout Mountain Golf Club is located at the Pointe Hilton Tapatio Cliffs Resort in Phoenix, AZ. Weaving through the rugged desert terrain that borders the Phoenix Mountain Preserve, Lookout Mountain Golf Club offers an award-winning 18-hole golf course with spectacular views of both Lookout Mountain and Piestewa Peak. The Lookout Mountain Golf Club is one of only a few Phoenix-Scottsdale resort properties to have golf holes winding through desert preserve land without adjacent houses. Twelve holes of the 6,600 yard, par-71 course play through or along preserve land, giving golfers uninterrupted views amidst canyons and rugged mountain hillsides. Designed by Bill Johnston and opened in 1987, the course hosted the PGA Senior Tour in its inaugural year. The club is also home to the Hilton Golf Academy offering individual lessons and group instruction.

AWARDS

Lookout Mountain Golf Club has received the Golf Digest Four Star Award for nine consecutive years and been recognized as one of the top 450 courses in the country also by Golf Digest. Additionally, the course has been named one of America's Top Courses by Zagat Survey and a Top Ten Public/Resort Course in Arizona by Arizona Business Magazine.

GREEN/SUSTAINABILITY

In 2013, Lookout Mountain Golf Club underwent an environmental transformation that removed three ponds from the course, replaced by new hazard complexes comprised of bunkers and native desert waste areas. The transformation has helped saved more than ten million gallons annually. Forrest Richardson, original designer with PGA Senior Player Bill Johnston, were brought back to integrate the new hazards into the natural desert layout.

AUDUBON COOPERATIVE SANCTUARY PROGRAM FOR GOLF COURSES

Lookout Mountain Golf Club at Pointe Hilton Tapatio Cliffs Resort has received certification in Environmental Planning from the Audubon Cooperative Sanctuary Program for Golf Courses (ACSP), an international program administered by Audubon International designed to help landowners preserve and enhance the environmental quality of their property. The plan was developed by Paul Smith, Golf Course Superintendent, who is also recognized for his effort to plan for environmental stewardship.

The Audubon Cooperative Sanctuary Program for Golf Courses provides an advisory service to help existing golf courses develop effective conservation and wildlife enhancement programs. This worldwide effort is coordinated by Audubon International and is sponsored in part by the United States Golf Association.

ACSP certification efforts include the following programs, efforts and protocols.

Water conservation:

- Reduced water consumption from an average of 489 Acre feet (159 million gallons) to 410 acre feet (133 million gallons)
- Removed two water features and installed xeriscape
- Convert six turf acres to xeriscaping
- Relined leaking irrigation pond
- Do not overseed 10 turf acres
- Implemented supplemental watering program (includes hand watering)



Water conservation (cont.)

- Installed new pump station with variable speed motors
- Updating sprinklers to an efficient DT30 series
- Reduced energy cost 30% for the operation of the irrigation system due to changes in programming
- State of Arizona Department of Water Resources Allocates us 495 acre feet of water (161 million gallons)

Chemical safety and use:

- Reduced fertilizer and chemical expense from \$90,000 to \$40,000
- Implemented an aggressive integrated pest management program
- Scouting and sampling (mapping trouble areas)
- Developed threshold for pest and weeds (only spot treatments if needed)
- OSHA approved chemical storage building - fire protection and self-locking
- Spill containment stations
- Eye wash stations installed at shop
- No bulk chemicals or fluids stored at shop
- Approved Vendor to remove waste oil and filters
- Two stage wash down areas that drains into leach pit
- Use air hoses to clean equipment daily and before washing (equipment washed monthly)
- Above ground fuel tank on containment slab
- Clippings are returned to turf not collected (greens are collected then scattered)
- MSDS posted in all areas
- Company provided personal protection equipment to team members
- Monthly field equipment and task training
- Weekly MSDS information training
- No lost time accidents since 1996
- Chemical fill area on concrete
- Emergency evacuation plan

Wildlife and vegetation:

- Course property includes eighty-nine acres of turf and approximately eighty acres of native landscape adjacent to the phoenix mountain preserve.
- The City of Phoenix parks and recreation, LMGC and several HOA's work together to maintain three miles of multi-use trail that connects lookout mountain (trail 25) to North Mountain, Shaw Butte and Piastewa Peak (trail 100).
- Identified and mapped wildlife on the course and maintain an inventory
- Identified and mapped plant material on the course and maintain an inventory
- Installed rock border (3' on either side) along cart path to designate native and maintained.
- Monthly policing of adjacent deserts.

Ponds are checked/sampled 4 times yearly for quality (retention behind falls, irrigation pond and 16 retention/wash, by licensed lake and pond maintenance company.