This program would be offered during the week of August 5-9, 2019 using the following schedule:

**Monday, Aug 5**
- 8am-10am Business of Golf  
  Location TBA
- 10am-12pm Leadership & Management
- 12-12:30pm Lunch-sponsor: TBD
- 12:30-2:30pm Introduction to Turf
- 2:30-4pm Turf Soils
- 4:5-5:15pm Turfgrass establishment

**Tuesday, Aug 6**
- 8-10am Turfgrass Lab  
  David Dore-Smith  
  Golf Course Superintendent  
  Copperleaf Golf Club  
  23101 Copperleaf Blvd  
  Bonita Springs, FL
- 10:30am-12:30pm Principles of Irrigation
- 12:30-1pm Lunch-sponsor: TBD
- 1-3pm Turfgrass Weeds
- 3-5pm Turfgrass Diseases

**Wednesday, Aug 7**
- 8am-12pm Irrigation Lab  
  TJ Shine  
  Golf Course Superintendent  
  Estero Country Club  
  19501 Vintage Trace Circle  
  Fort Myers, FL
- 12:30-1pm Lunch-sponsor: TBD
- 1-3pm Turfgrass Cultivation Techniques
- 3-5pm Turfgrass fertility

**Thursday, Aug 8**
- 8-11am Turfgrass Weeds & Diseases Lab  
  Eric Ruha  
  Director of Agronomy  
  Shadow Wood Country Club  
  22801 Oakwilde Blvd  
  Bonita Springs, FL 34135
- 11:30am-11:45am Travel to classroom
- 11:45am-12pm Lunch-sponsor-TBD
- 12-2:30pm Turfgrass Insects
- 2:30-5pm Turfgrass Synthesis

**Friday, Aug 9**
- 8-10am Turfgrass Insects Lab  
  Jason Zimmerman, CGCS  
  Director of Greens & Grounds  
  4450 Pelican’s Nest Dr  
  Bonita Springs, FL
- 10-10:30am Travel to classroom
- 10:30-12pm Review for Pesticide Exam  
  Stephen H. Brown, Horticulture  
  Agent, UF/IFAS Lee County, FL
- 12pm Lunch-sponsor: TBD
- 1-3pm Examination to Acquire Florida Pesticide Application License
Course Descriptions

Introduction to Turfgrass
Role of turf in society and the environment. Principles underlying establishment and maintenance of turf on athletic fields, parks, home lawns, and golf courses. Aesthetic, safety, and economic aspects of turfgrass management practices.

Introduction to Soil Science
Soil and its impact on plant growth, plant and water relations, drainage, nutrients, soil as a resource, and erosion control techniques.

Turfgrass Cultivation Techniques

Turfgrass Fertility
Soil-plant relationships, soil acidity and alkalinity, macro- and micro-nutrients, fertilizer materials, soil fertility, evaluations, and fertilizer programming.

Principles of Irrigation
Turfgrass irrigation systems. Installation and maintenance including water management.

Turfgrass Weeds
Cultural, mechanical, biological, and chemical weed management principles and practices. Environmental considerations.

Turfgrass Diseases
Plant diseases. Biology of pathogens that cause disease. Disease management, with focus on Florida.

Turfgrass Insects
Identification of common insects and effective and efficient application of pesticides including environmental concerns.

Pesticide and Fertilizer Application
Effective and efficient application of pesticides and fertilizers to turf and ornamentals. Pesticide handling, legal, and environmental concerns. Calibration of equipment.

Business of Golf
Business management aspects of golf including understanding financial statements, prepare and read budgets, negotiate contracts, etc.

Leadership & Management
Leadership development in the context of the golf course industry.