



## ***Golf Course Design Seminar***

***By Raymond Hearn Golf Course Designs, Inc.***

***Raymond Hearn***

***Member of the American Society of Golf Course Architects***

***Last Updated January 3, 2015***

### **Seminar Overview:**

#### ***Chapter 1 (first month)***

##### ***Great Golf Course Architects that Shaped the Profession***

Chapter material provided by RHGCD

Required Reading: To be assigned

Assignment #1: Paper on the design philosophy and design characteristics of a past golf course architect.

Feedback: From RHGCD

#### ***Chapter 2 (second month)***

##### ***Golf Course Design Principles***

- ❖ Shot Value & Strategy
- ❖ Playability
- ❖ Memorability
- ❖ Aesthetics

Chapter material provided by RHGCD

Required Reading: To be assigned

Assignment #2: Create a graphic example demonstrating each of the above design principles.

Feedback: From RHGCD

#### ***Chapter 3 (third month)***

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### ***Golf Course Feature Development***

- ❖ Greens
- ❖ Collars & Approaches
- ❖ Tees
- ❖ Fairways
- ❖ Bunkers

Chapter material provided by RHGCD

Required Reading: To be assigned

Assignment #3: Create a graphic example demonstrating each type of course feature listed above.

Feedback: From RHGCD

### ***Chapter 4 (fourth month)***

#### ***Golf Course Feature Development***

- ❖ Rough
- ❖ Water Hazards
- ❖ Cart Paths
- ❖ Bridges
- ❖ Trees
- ❖ Landscaping
- ❖ Practice Area

Chapter material provided by RHGCD

Required Reading: To be assigned

Assignment #4: Create a graphic example demonstrating each type of course feature listed above.

Feedback: From RHGCD

### ***Chapter 5 (fifth month)***

#### ***Schools of Design***

- ❖ Heroic
- ❖ Strategic
- ❖ Penal

Chapter material provided by RHGCD

Required Reading: To be assigned

Assignment #5: Create a graphic example demonstrating one type of Par 3 listed above.

Feedback: From RHGCD

### ***Chapter 6 (sixth month)***

#### ***Par Three Design***

- ❖ Classic Examples

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- ❖ Impact of Terrain, Natural Features & Views
- ❖ The Importance of Variety
- ❖ Disappearance of the Short Par 3

Chapter material provided by RHGCD

Required Reading: To be assigned

Assignment #6: Create a graphic example demonstrating one type of Par 4 listed above.

Feedback: From RHGCD

### ***Chapter 7 (seventh month)***

#### ***Par 4 & 5 Design***

- ❖ Classic Examples
- ❖ Impact of Terrain, Natural Features & Views
- ❖ The Importance of Variety
- ❖ Disappearance of the Great Short Par 4
- ❖ Lack of Creative Shot Making in Design

Chapter material provided by RHGCD

Required Reading: To be assigned

Assignment #7: Create a graphic example demonstrating one type of Par 5 listed above.

Feedback: From RHGCD

### ***Chapter 8 (eighth month)***

#### ***Types of Courses***

- ❖ Par 3
- ❖ Executive
- ❖ Regulation
- ❖ Championship

Chapter material provided by RHGCD

Required Reading: To be assigned

Assignment #8: Create a graphic example of one of the course types listed above on the topographic mapping provided.

Feedback: From RHGCD

### ***Chapter 9 (ninth month)***

#### ***The Golf Course Design Process***

- ❖ Conceptual Land Use Planning
  - (Used for Feasibility Analysis)
- ❖ Program Development
- ❖ Inventory and Analysis
- ❖ Schematic Land Use Planning
- ❖ Master Planning
- ❖ Preliminary Cost Estimating
- ❖ Preliminary Permit Review

- ❖ Strategy and Feature Development Plans
- ❖ Preliminary Grading Plans
- ❖ Permit Plans
- ❖ Construction Documents
  - Construction Plans
  - Technical Specifications
  - Bid Documents
- ❖ Bidding
- ❖ Construction Supervision
- ❖ Grow in Consulting
- ❖ Grand Opening Day Assistance

Chapter material provided by RHGCD

Required Reading: To be assigned

Assignment #9: Paper and graphic demonstrating a clear knowledge of one of the design stages listed above.

Feedback: From RHGCD

### ***Chapter 10 (tenth month)*** ***Steps in Developing a Golf Course***

- ❖ Market Analysis
- ❖ Conceptual Land Planning
- ❖ Project Feasibility
- ❖ Selecting Your Design Team
- ❖ Early Program Development
- ❖ Selecting Your Site
- ❖ Final Program Development
- ❖ Preliminary Financing Development
- ❖ Early Land Planning & Design
- ❖ Detailed Land Planning & Design
- ❖ Cost Estimating
- ❖ Permitting
- ❖ Final Financing Development
- ❖ Construction Document Preparation
- ❖ Construction Bidding
- ❖ Contractor Negotiations
- ❖ Construction
- ❖ Maintenance
- ❖ Management / Operations

Chapter material provided by RHGCD

Required Reading: To be assigned

Assignment #10: Paper demonstrating clear knowledge of one of the development stages listed above.

Feedback: From RHGCD

***Chapter 11 (eleventh month)***  
***The Future of Golf & Golf Courses***

- ❖ Costs (Build, Maintain & Play)
- ❖ Land Use
- ❖ Water Consumption
- ❖ Pesticide Use
- ❖ Social / Economic
- ❖ Gender Bias
- ❖ Time Constraints
- ❖ Sustainability
- ❖ More for Less

Chapter material provided by RHGCD  
Required Reading: To be assigned  
No assignment with this chapter.

***Chapter 12 (twelfth and final month)***  
***Final Exam***

Design a par 72, 18-hole golf course on the topographic base map provided by Raymond Hearn Golf Course Designs, Inc. from a real project site. Your submission will be critiqued by:

Raymond Hearn, ASGCA, ASLA, LLA

**President**

**Raymond Hearn Golf Course Designs, Inc.**

The highest rated design for chapter 12 will be awarded with a first-place oak plaque from Raymond Hearn Golf Course Designs, Inc. plus a personal critique from Raymond Hearn.