

# The San Francisco Billiard Academy

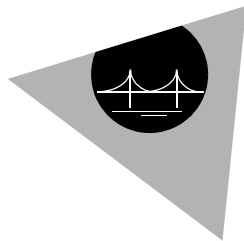
Presents:

## A Recognized Instructor Course

Taught by Billiard Congress of America  
Certified Instructors

Eric Harada  
Bob Jewett  
Joseph Meja

What to Teach  
How to Teach It  
Course Organization



SFBA



PBIA

*“What a feeling to shoot better and consistently.  
We’ll show you the way.”*

## Recognized Instructor Course

# WELCOME

Welcome to the San Francisco Billiard Academy's Recognized Instructors Course. This is the first level of the PBIA's Instructor Training Program.

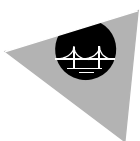
The course is divided into three days of eight sections each which are outlined hour by hour on the following pages. Be sure to take notes and ask questions if you want to get full value from the day's instruction.

Thank you for your participation. We hope that your participation in the Course will be a learning experience of a lifetime. Please feel free to contact the instructors with any questions.

Instruction is available at billiard rooms throughout the Bay Area and in private facilities by arrangement. Courses include:

- Certified Instructor Course (three days)
- Recognized Instructor Course (three days)
- Introduction to Billiard Instruction (one day)
- Basics Clinic (four to eight hours)
- Nine Ball Clinic (four to eight hours)
- Eight Ball Clinic (four to eight hours)
- Specialized Courses
- Individual Instruction

Instructor contact information:



## Recognized Instructor Course

# Recognized Instructor Course Outline

### Day 1

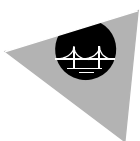
- Hour 1 Welcome
- Hour 2 Review Quiz, Part 1
- Hour 3 Review Quiz, Part 2
- Hour 4 Video Analysis -- Station Demo
- Hour 5 Lunch and Discussion
- Hour 6 Working on Mechanics -- Station Demo
- Hour 7 Presenting Basics I -- Station Demo and Practice
- Hour 8 Q&A, Review, Homework (new quiz questions)

### Day 2

- Hour 1 Discuss Homework, Review, Q&A
- Hour 2 Progressive Practice -- Station Demo and Practice
- Hour 3 Presenting Basics II -- Station Demo and Practice
- Hour 4 Teaching Tools
- Hour 5 Lunch and Discussion
- Hour 6 Mechanics, Part 1 -- Checklist
- Hour 7 Video Analysis, Theory and Practice
- Hour 8 Q&A , Review, Homework (study for test, develop flyer)

### Day 3

- Hour 1 Review Homework, Publicizing Your Services
- Hour 2 Instruction Formats
- Hour 3 Mechanics, Part 2 -- Drills, Symptoms, Fixes
- Hour 4 Progressive Practices and Other Drills
- Hour 5 Lunch and Discussion
- Hour 6 Review of the Five Stations
- Hour 7 Final Q&A, Review, Test
- Hour 8 Review Test, Feedback Forms



Recognized Instructor Course

**Day 1, Hour 1: Welcome and Introductions**

SFBA Staff Intro

PBIA Instructor Training Program

History

Discussion of levels of certification (App. A2)

Current programs

SFBA History and Programs

Student Intros

Experience

Goals

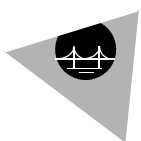
Course Objectives

Learn basic instructional techniques

Learn basic course structures

Not to learn how to play!

Break



Recognized Instructor Course

**Day 1, Hour 2: Review Quiz Answers, Part 1**

Goal: Review quiz to check the Candidate's basic knowledge of billiards.

See Appendix 1 of this handout for questions and answers.

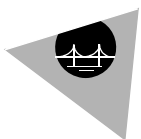
Side Spin

Stance

Simple Physics

Aiming Systems

Break



## **Day 1, Hour 3: Review Quiz Answers, Part 2**

Goal: Continue checking candidate's knowledge.

See Appendix 1 for questions and answers.

Half Ball

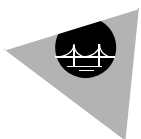
Banking

Rules

Stroke

Review

Break



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**Day 1, Hour 4: Video Analysis**

Goal: Learn the fundamental of video analysis through demonstration of a basic video session.

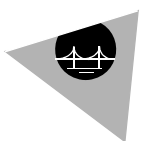
See the session handout in the Manual.

Trainer tapes the candidate

Example feedback and analysis

Candidate practices

Example flaws noted during the session:



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**Day 1, Hour 5: Lunch and Discussion**

**Day 1, Hour 6: Working on Mechanics**

Goal: Learn how to work on basic mechanics through a example session.

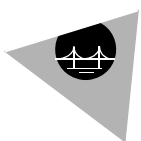
Example handout is in the Manual.

Notes:

Spots drill

One-handed drill

Stroke practice with markers





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**Day 1, Hour 7: Basic Knowledge Demo, Part 1**

Goal: Learn clear, efficient ways to present the basics of billiards.

Example handout is in the Manual (App. B5)

Always have the students participate.

Examples:

Tip curvature

Cue straightness

Squirt/deflection

Chalk

Bridges

Left arm

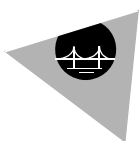
Right arm

Grip

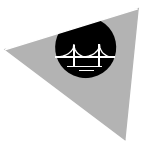
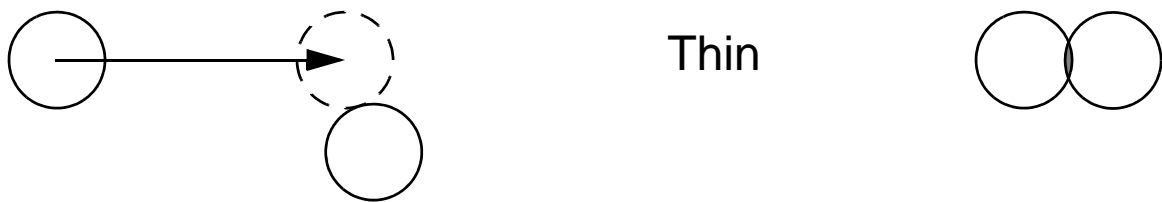
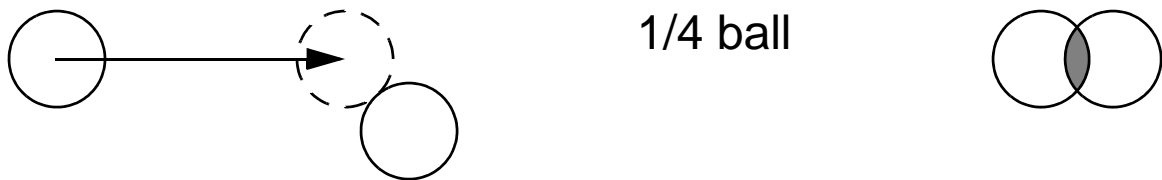
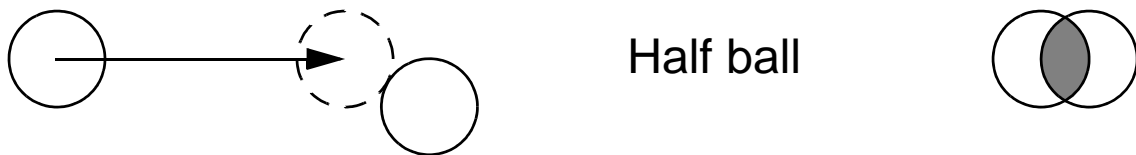
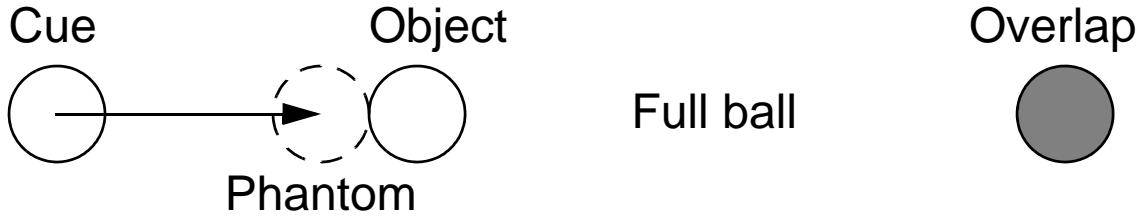
Stroke sequence

Sighting: ghost ball and fractional ball (see following page)

Break



## Example Fractional Ball Aiming Handout



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**Day 1, Hour 8: Q&A, Review, Homework**

Goal: Check progress so far and reinforce material

Are there any questions on:

PBIA Instructor Program

Course Objectives

Entrance Quiz Items

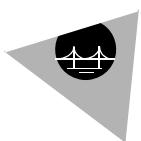
Video Analysis

Mechanics Training Session

Presenting the Basics, Part 1

Homework:

Prepare four (or more) new questions (with answers) suitable for the entrance quiz.



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**Day 2, Hour 1: Review Homework and Day 1**

Goal: Work through candidate's ideas for new quiz questions

Review new quiz questions.

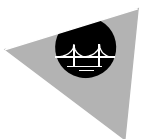
Review of Day 1

Video

Mechanics

Basics I

Break



Recognized Instructor Course

**Day 2, Hour 2: Progressive Practice Demo**

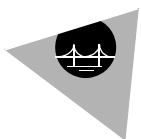
Goal: Learn how to present progressive practice drills through a demonstration session.

Example handout is in Appendix C of the Manual.

Trainer presents session to candidate.

Candidate presents session to trainer.

Break



## **Day 2, Hour 3: Basic Knowledge, Part II**

Goal: Learn more demos to illustrate pool basics.

### Position Play (App. B5)

Straight shots

Use a stripe to show spin

Angle shots

Straight in the side to make geometry obvious

Mark the rail

Side Spin Shots

Running/reverse -- use a stripe

Example running shot: three cushion position from an easy side pocket shot

Demonstrating the problems:

Miscue

Squirt -- end rail cut

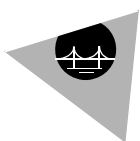
Swerve -- slight masse

Throw -- frozen or close shot

Cling -- chalked balls

Others

Break



## **Day 2, Hour 4: Teaching Tools**

Goal: Learn to use teaching tools to ease learning

Notes on each item:

Mirror

Laser sight

Practice Balls

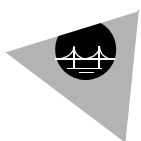
Donut stick-ons

Chalk for marking positions

Pendulum

Mirrored ball for bank systems

...



## **Day 2, Hour 5: Lunch and Discussion**

### **Day 2, Hour 6: Mechanics Theory, Part 1 The Mechanics Checklist**

Goal: to understand what mechanics are, why they're important, how to check them, and how to fix them.

What do we mean by *mechanics*?

Importance of good mechanics

Using the "Billiard Rating Sheet" (App B-7)

A Starting Point

Causes and effects

Avoid student overload

Emphasize the points appropriate to the student's level

Highlights From the Checklist

Cradling the cue

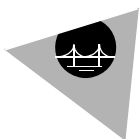
Solid bridge

Pendulum technique

Back swing

Straight follow through

Break





## **Day 2, Hour 7: Video Analysis, Theory and Technique**

Goal: Learn to use video taping to analyze student problems

Motivation

Equipment Considerations

Selecting Shots (App. B-10, diagrams on next page)

Design the setup to look for a specific part of the mechanics

Video Analysis Examples

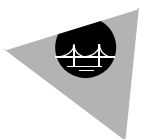
Hitting the major problems

Positive comments too

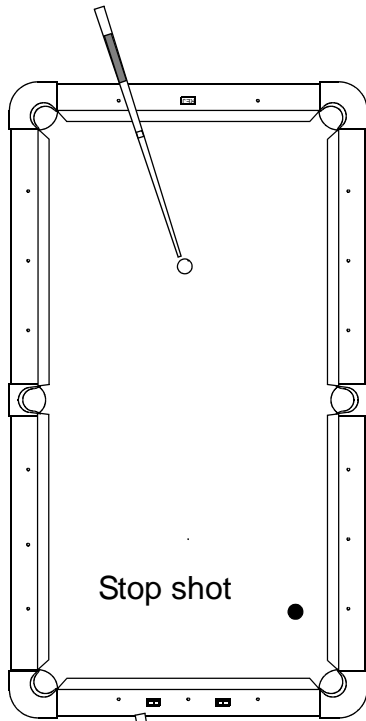
Referring back to the checklist (App. B-7)

Video Taping Practice

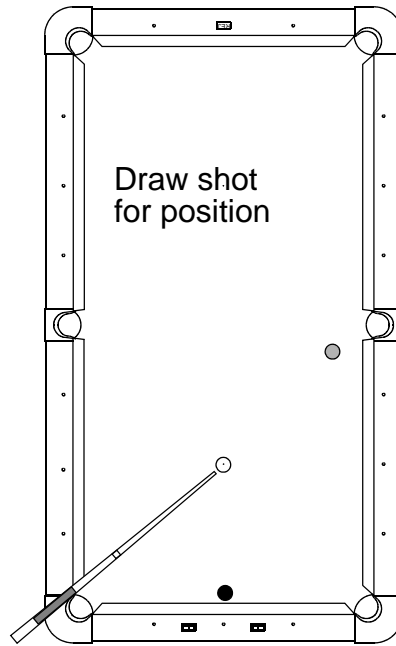
Break



## Example Video Positions



Stop shot

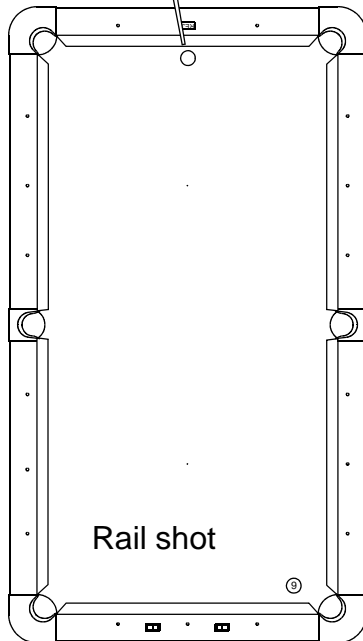


Draw shot  
for position

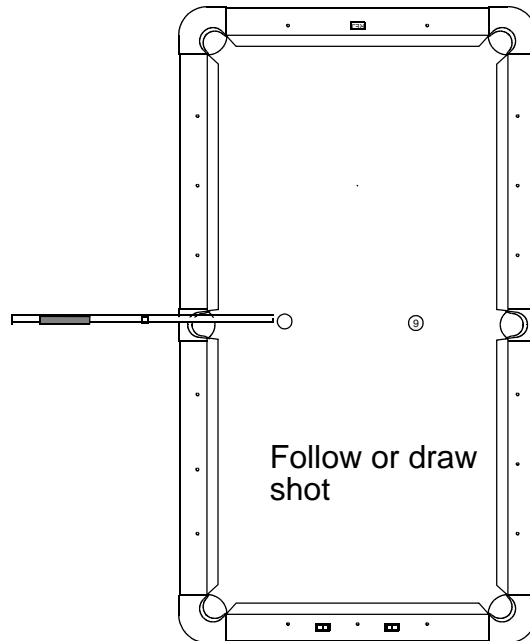
Head position

Grip

Bridge or elbow



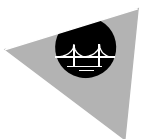
Rail shot



Follow or draw  
shot

Steady under  
pressure?

Elbow, bridge, finish



## **Day 2, Hour 8: Q&A, Review, Homework**

Goal: Check and reinforce material learned today

Review:

New quiz questions

Progressive practice demo

Teaching basic position, spin, and bridges

Teaching tools

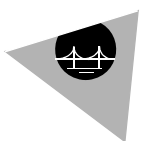
Mechanics, Part 1

Video Analysis

Homework:

Study for final quiz

Develop an advertizing flyer -- What points must be covered?



## **Day 3, Hour 1: Review, Publicizing Your Services**

Goal: Learn ways to market your services

Q&A Review

Discussion of candidates' flyers

Discuss section in the Manual

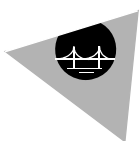
Forming Alliances

Rooms

Leagues

Supply Stores

Break



Recognized Instructor Course

**Day 3, Hour 2: Instruction Formats**

Goal: Learn some specific lesson formats

Only a Beginning!

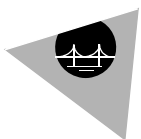
Station Format (App. B-3)

Four Week Format (App B-4)

Ten Week Format (next page)

Specialized Courses

Break



## Recognized Instructor Course

### **Example Format: 10-Week Course**

Format: A 10-week course meeting twice a week, perhaps at a college recreation center. One hour (50 minutes) per day.

Level: Beginner

Ratio: One instructor for 10-16 students, two students per table.

The students warm up for the first ten minutes each day to allow for late arrivals. The second ten minutes or so is a mini-lecture on the topic of the day. The remainder of the hour is spent in practice or play with the instructor helping with questions and problems.

Handouts: Course outline, simplified rules of 8 ball, list of references

Week 1 Selecting a cue, chalking, basic open bridge, stance; Basic sighting, rules of 8 ball

Week 2 Speed/stroke drill, rail bridges; Mechanical bridge, closed bridge, playing left handed

Week 3 Follow shots; Draw shots

Week 4 English - benefits; English - pitfalls

Week 5 Stroke practice, margin of error; Throw shots, combinations

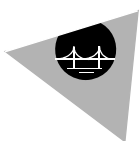
Week 6 Kiss shots; Carom shots, the half ball shot

Week 7 Bank shots; Masse and jump shots

Week 8 Care of equipment; Rules of straight pool

Week 9 Rules of 9 ball; Rules of billiards

Week 10 Two days, double elimination 8 ball tournament



## Day 3, Hour 3: Basic Mechanics, Part II

Goals: Learn to use drills to improve mechanics. Learn to diagnose problems and find cures.

Review Practice Drills (App. B-9)

Over the spots

One handed

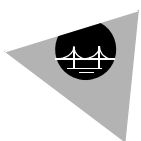
Standard cueing drill

Symptoms and Fixes

Examples:

Symptom	Problem	Fix
Pump-handle stroke	Misplaced grip	Rubber band
Unintended side spin misses to one side swerve in all strokes	Maybe a dominant position problem	Try to move the head or concentrate on which eye is doing the work
Stick finishes in air	Elbow drops	Over the spots drill, focus on ferrule

Break



## **Day 3, Hour 4: Progressive Practice and Other Drills**

Goal: Learn to use progressive practice and other drills improve fundamentals and work on specific problems.

### Progressive Practice (App. C)

Problems noted during practical test

Main features/characteristics compared to other drills

Working with two students per table

Efficient demonstration when explaining the important parts of the drill

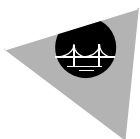
### Five Minute Lessons (App. D)

Softly to the side (App. D-3)

Zen draw (App. D-7)

Soft maximum draw (App. D-8)

### Other drills and demonstrations





## **Day 3, Hour 5: Lunch and Discussion**

## **Day 3, Hour 6: Review of Station Format**

Goal: Review each of the main sections of a short course on billiard basics.

This will be your final chance in this course to clear up any points on the following sections of the “station” format.

Video Analysis

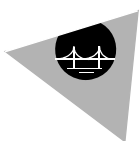
Mechanics

Progressive Practice

Basics, Part 1

Basics, Part 2

Break



## **Day 3, Hour 7: Final Q&A, Review, Test**

Goal: Clear up any final questions. Test your knowledge.

Review

Other topics:

Jump shots

Systems

Masse

Refereeing

Rules

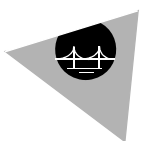
A selection of games

Mental preparation

Other sections in the Manual

Quiz

Break



Recognized Instructor Course

**Day 3, Hour 8: Wrap-Up**

Goal: Receive and give feedback on the course.

Review test answers

Feedback forms

Final discussion

