# CFI Bootcamp

# **Power Hour Lessons**

**Student Learning Styles** 

- Getting Inside the Head of Your Student

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## Overview

- 1. Learning theory Behaviorism vs Cognitive Theory
- 2. A large number of factors influence learning:
  - a. Background
  - b. Culture
  - c. Values
  - d. Importance
  - e. Abilities
  - f. Threats
  - g. Learning Styles
- 3. Basic VAK learners. Everyone is at least one and sometimes more than one of these:
  - a. Visual
  - b. Auditory
  - c. Kinesthetic
- 4. In a classroom setting, use different modalities of the VAK to give each learner a chance to get it.
  - a. Left Brain/Right Brain theory:
  - b. Left Analytical, logical, prefers a step-by-step or building block approach. Learning is predictable and sequential.
- 5. Right Emotional, Impulsive Prefers a holistic approach, seeing the whole picture and then figuring out what parts fit where. Learning occurs in chunks.
- 6. Index of Learning Styles Myers Brigg Study (1962.)
  - a. Caregivers
  - b. Reflective
  - c. Impulsive
  - d. And more.... It has mostly been shot down as legitimate, but there is some truth to these classifications.
- 7. Motivation is the number one factor in learning. Always provide a solid motivation for the lesson and how the lesson relates to the overall goal.
- 8. Learners usually prefer "Concept Learning." Learning with practical scenarios and problems that are likely encountered or could be encountered.
- 9. Use YouTube, but not unvetted videos. There are too many 250-hour experts, and some have no real credibility. Some videos, though, are good. 4K Downloader will allow you to keep them locally. It also works for Facebook videos.

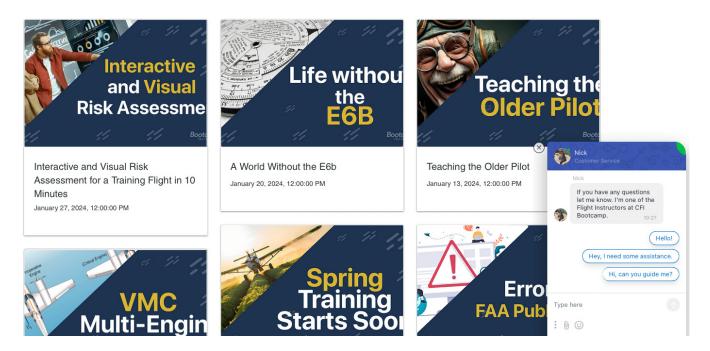
- 10. Practice types: Deliberate, blocked, and random. Try blocked and random sometimes.
- 11. In flight, teaching a maneuver comes down to four things. It's Sausage Making. You don't want to know what goes inside so long as it looks like a sausage when done. Steep turns Sausage making:
  - a. Explain Preflight Briefing
  - b. Demonstrate Show in the air and explain what you are doing
  - c. Student Practice Allow students to make errors and correct them. Don't jump on the controls unless the action is unsafe or the learner is frustrated.
  - d. Evaluation Post-flight critique
    - i. Replay Assess that you and the learner agree with what happened.
    - ii. Redirect What would you have done differently?
    - iii. What was easy, and what was hard?
    - iv. How does this relate to other flying you have done?
- 12. Ask your learner how they learn something on their own.
- 13. Ask your learners what teacher they learned from the best. What did they do differently?
- 14. Before going to the airplane, just after the preflight briefing, have the learner use a model airplane and describe how to do the maneuver or procedure.
- 15. The law of Intensity. Use a flight training device to develop patterns and procedures. If the pitch is too sensitive, freeze the altitude.
- 16. Ask the learner what media they prefer to learn from—video, audio (some prefer this to speed up the narration), Reading, etc. Identify sources within their preferred media.
- 17. Assess the learner to see both how they are grasping information and also how effective or not your teaching is.

# - View our Previous Recorded Lessons -

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## **Power Hour Lesson Outlines**

Created Around Hour Long Weekly Live Topic Specific Instructional Training. Powered by Bootcamp +



#### **Future Power Hours:**

February 10th 2024

Ethics and Professionalism for the CFI - It's a required task on the checkride, but it goes much deeper.

February 17th 2024

When to have "The Talk" with a Student. - Breaking up is Hard to Do.

Submit your Power Hour Lesson Request!

## CFI Bootcamp Pilot Training Power Hour Lessons Student Learning Styles

## Membership Site: (Bootcamp +)

Bootcamp Pilot Training	FREE	\$9
Flight Training the Way I See it - Podcast	•	<b>O</b>
Weekly Short Subject Videos	•	◙
Private Pilot Ground School   Video Course	•	⊘
Bootcamp +   Networking Community	•	•
Entire Power Hour Lesson Catalog		◙
Focused Training Resources		⊘
Private Pilot Ground School   Video Course		♥

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#### Up-coming Paid Classes at CFI Bootcamp - In Person and Live-Streaming

#### Initial CFI Classes:

March | 11th - 17th | (Remote or In-person) - 5 Seats open - 2 live stream spots. April | 15th - 21st | (KVGT or Virtual) - 8 Seats open - 4 live stream spots.

#### Instrument Flight Instructor – CFII – Classes:

Jan | 15th - 17th | (Remote or In-person) - 4 Seats Open - 4 live stream spots April | 23rd - 25th | (Remote or In-person) - 4 Seats Open - 4 live stream spots

Subject to Change

# Locations in Palo Alto, CA (San Francisco Bay Area) and Miami Beach, FL cfibootcamp.com

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