

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.

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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.

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Power Hour Lesson Outlines

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

Interactive and Visual Risk Assessment
Assessment for a Training Flight in 10 Minutes
January 27, 2024, 12:00:00 PM

Life without the E6B
A World Without the E6b
January 20, 2024, 12:00:00 PM

Teaching the Older Pilot
Teaching the Older Pilot
January 13, 2024, 12:00:00 PM

VMC Multi-Engine

Spring Training Starts Soon

Error FAA Pub

Nick Customer Service
Nick
If you have any questions let me know. I'm one of the Flight Instructors at CFI Bootcamp. 10:27
Hello!
Hey, I need some assistance.
Hi, can you guide me?
Type here

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.

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Membership Site: (Bootcamp +)

Bootcamp+ Pilot Training	FREE	\$9
Flight Training the Way I See it - Podcast	✓	✓
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 | (KVG T 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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