



# Case Based Learning for the Tactile Learner

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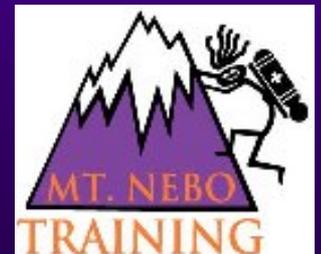
Professor



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Paramedic Program Director



# Our Objectives For Today

1. Discuss how the tactile learner is different
2. Discuss the difference between kinesthetic vs tactile learners
3. Discuss the motivators for the tactile learner
4. Explain the benefits of case based teaching.



# Can We Learn From Mistakes?



# FACT or FICTION?



- The highest percentage of all learners are Kinesthetic
- Tactile Learners “can’t seem to focus”
- Learning is the same for everyone
- We typically only learn in one method
- Auditory learners have the best recall of information

# A Learning Exercise

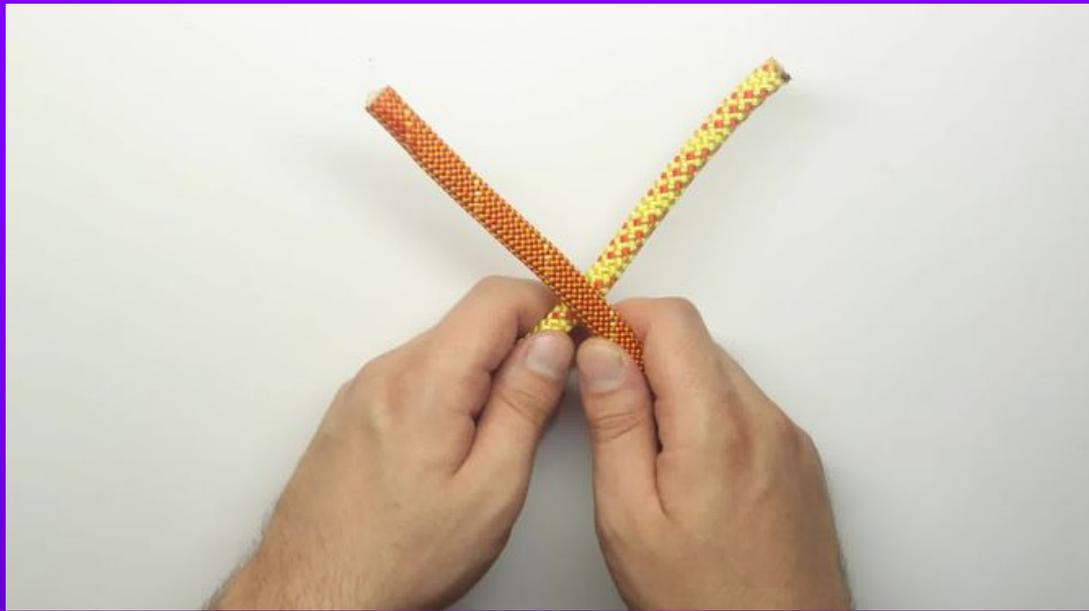
- Please follow instructions
- Please do your best
- Please work alone on the assignment
- Get your string ready
- 1/2 Turn away please



# Learn A New Skill #1



- Take your string and hold in both hands at the tip of the string on each end.



- **Place one side over the other.** In the picture it is the right side orange rope (the rope that originally started from your right hand) that has been placed over the left side rope, shown in yellow.

- **Bring the right side rope over the the left side rope.** The rope originally from the right is now sitting on the left, and vice-versa.



- **Bring the now left rope over the now right rope.**



- **Pull on both ends firmly to tighten.** Pull all four sides with equal force. Otherwise, the knot will not hold its shape.



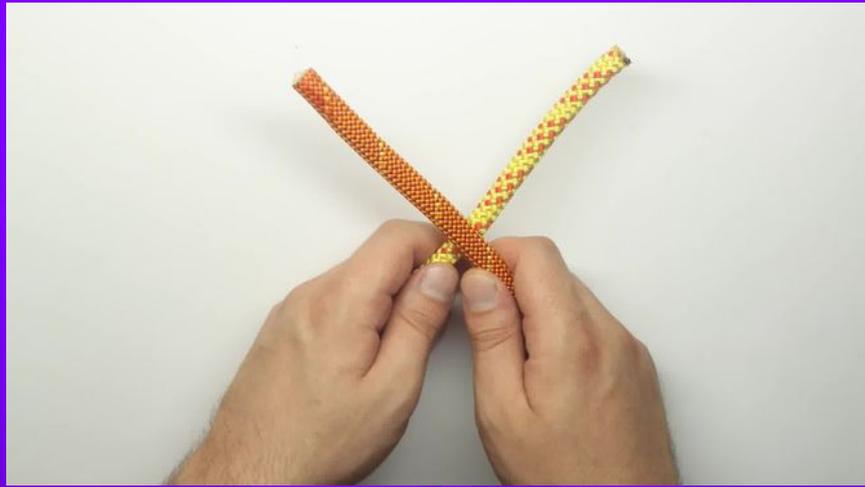


- **Check the square knot.** If you have tightened the rope correctly, you will see that it forms this neat knot, with one loop surrounding the other.
- The **square knot** also known as a **reef knot** is a simple, quick knot for low strain ties. It's popular among sailors, climbers, gift wrappers for its speed.

# Learn A New Skill #2

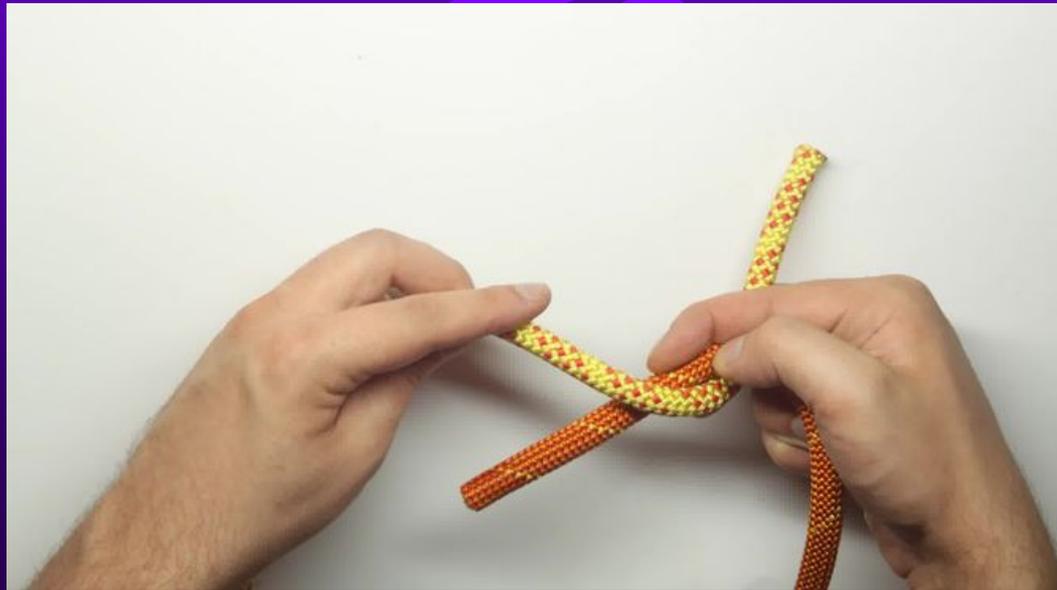


- Take your string and hold in both hands at the tip of the string on each end.



- **Place one side over the other.** In the picture it is the right side orange rope (the rope that originally started from your right hand) that has been placed over the left side rope, shown in yellow.

- **Bring the right side rope over the top of the left side rope.** The rope originally from the right is now sitting on the left, and vice-versa.



- **Bring the now left rope over the now right rope.**



- **Pull on both ends firmly to tighten.** Pull all four sides with equal force. Otherwise, the knot will not hold its shape.





- **Check the square knot.** If you have tightened the rope correctly, you will see that it forms this neat knot, with one loop surrounding the other.
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# Tactile Learners

- Group Up
- Have Paper or something to write on.
- List Tactile Characteristics?
- Let's see how close your group was.

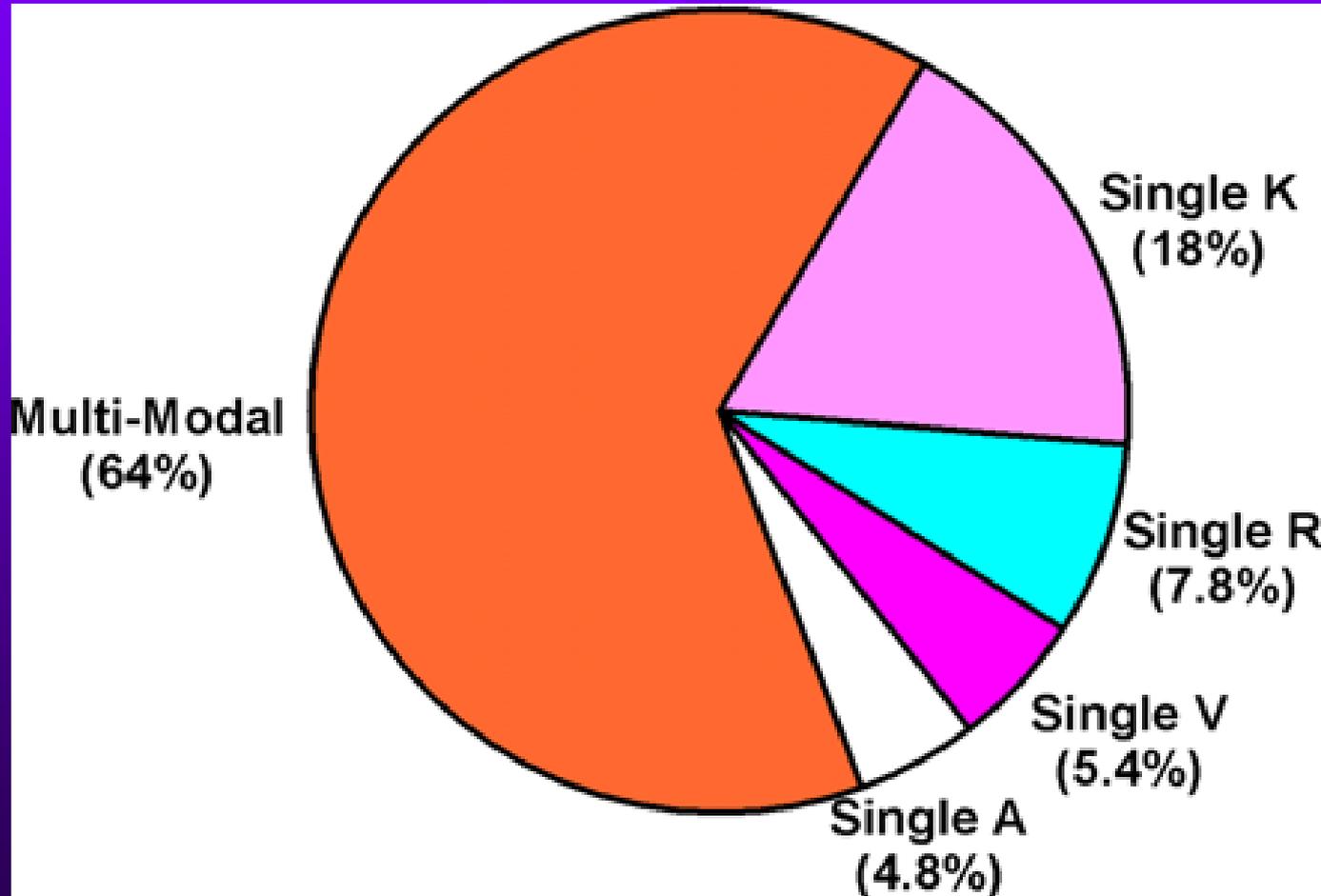


# Overall Learning Numbers

- 30 percent visual learners
- 25 percent auditory learners
- 15 percent kinesthetic learners
- 30 percent remaining are those who utilize mixed learning styles



# 1<sup>st</sup> year medical students



# Who are Kinesthetic Learners?

- Learn by movement of large muscles
- Learn by experiencing the event
- Learn by touch
- Require different approaches to learning



# Tactile Learners



- Who are they?
- Are they different from Kinesthetic Learners?
- How are they different from cognitive learners?

# Reminders For Teaching

- Poor listeners
- Prefer tactile sense
- Learn by doing
- Express emotions physically
- Outgoing personalities
- Engagement works best

(Kanar, 1995)





## CONFUCIUS SAY:

“If you know your learning style,  
You will know how to learn”

# Motivation

- What makes the tactile learner tick?
- How can we motivate?
  - Incentives
  - Food
  - Money
  - Recognition



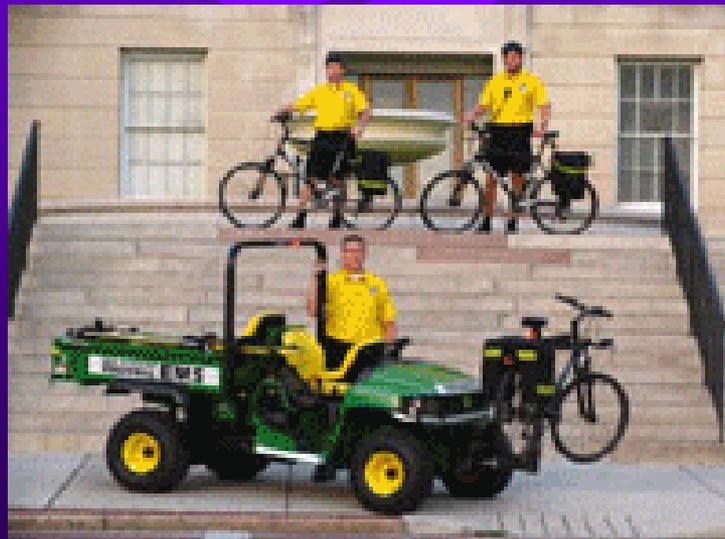
# Case Based Learning

- What is it?
- Why is it effective?
- When can we use it?
- Where can we use it?
- What we use in the classroom
  - Round robin
  - You are the EMT



# Benefits of Case Based

- Get your paper out
  - Write down at least 3 benefits
- Let's Share



# Disadvantages

- Get out your paper
  - List as many as you can
- Time To Share



# Case Based Learning

- How do you learn best?
- Most of you are \_\_\_\_\_ learners
- Then why are we sitting here?



# Time For Interaction

- Remember your list of characteristics
- Bring it out....Is This You?
- Do we all learn differently?
- How do you teach?
- How do those around you teach?



# Building Case Based Class

- What is needed?
- Can be
  - Spur of the moment or
  - Prior planned



# General Rules

- Topic
- Real or Realistic Case
- Outcome based
- Treatment Based
- Knowledge Base
- Applicable
- Review



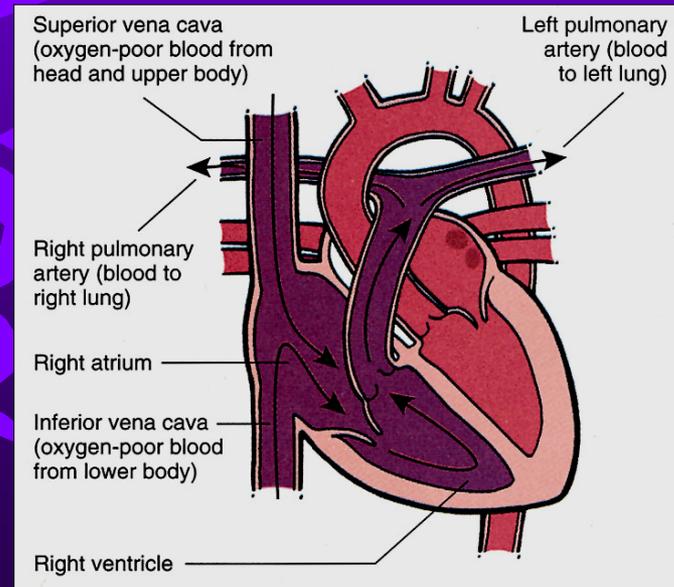
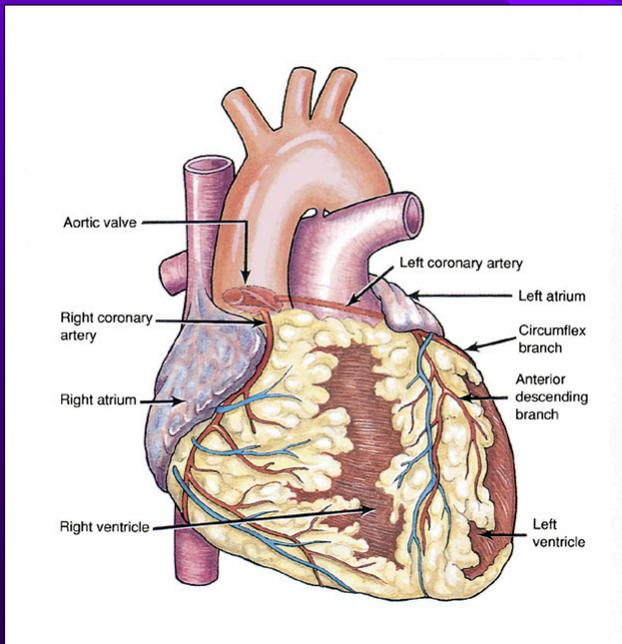
# Group Exercise

- Follow Directions
- You Have \_\_\_\_\_ Minutes

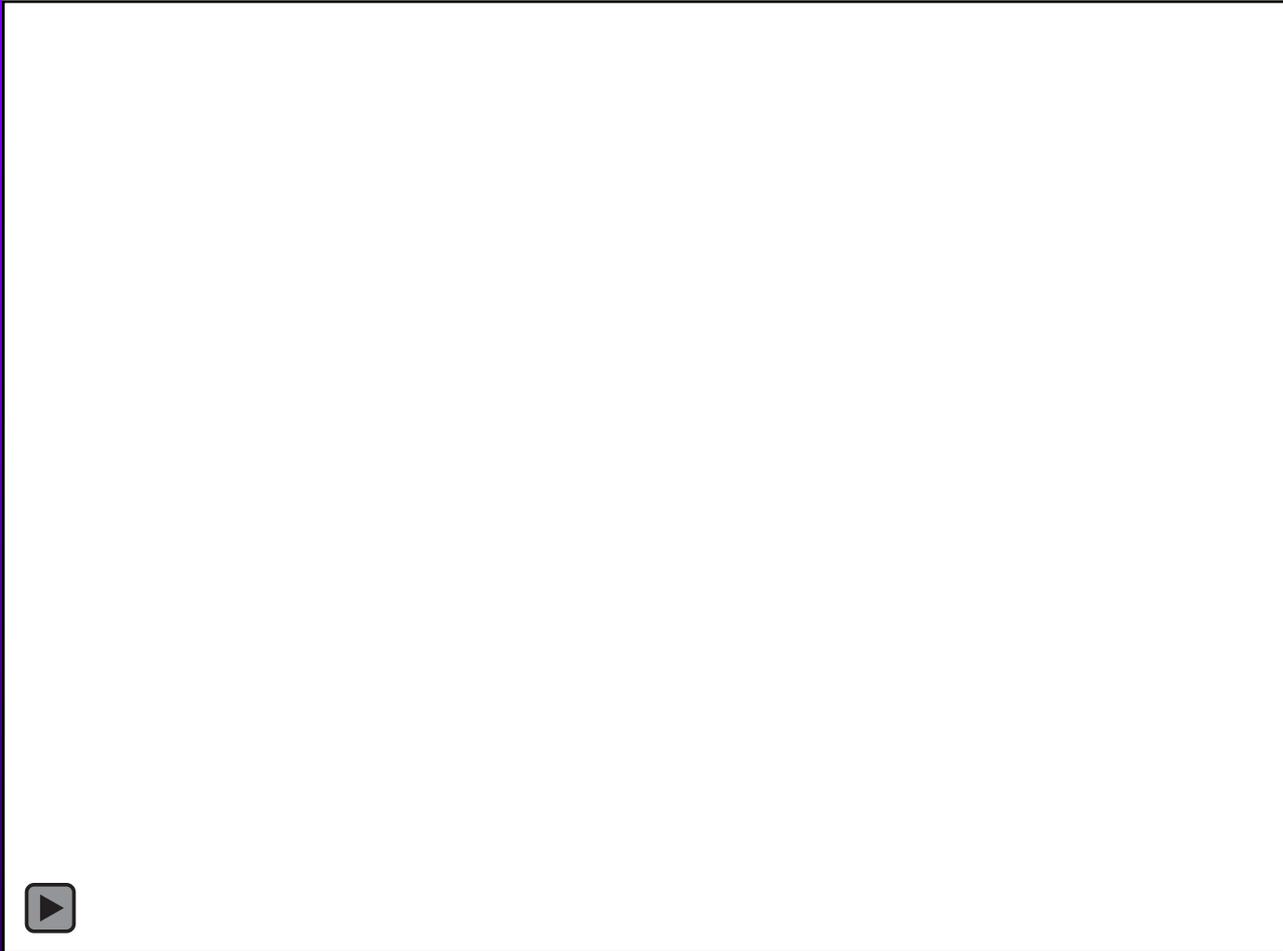


# Time For Playdough

- A Heart felt exercise
- Reinforcement/ Applicability
- A quick reinforcement video



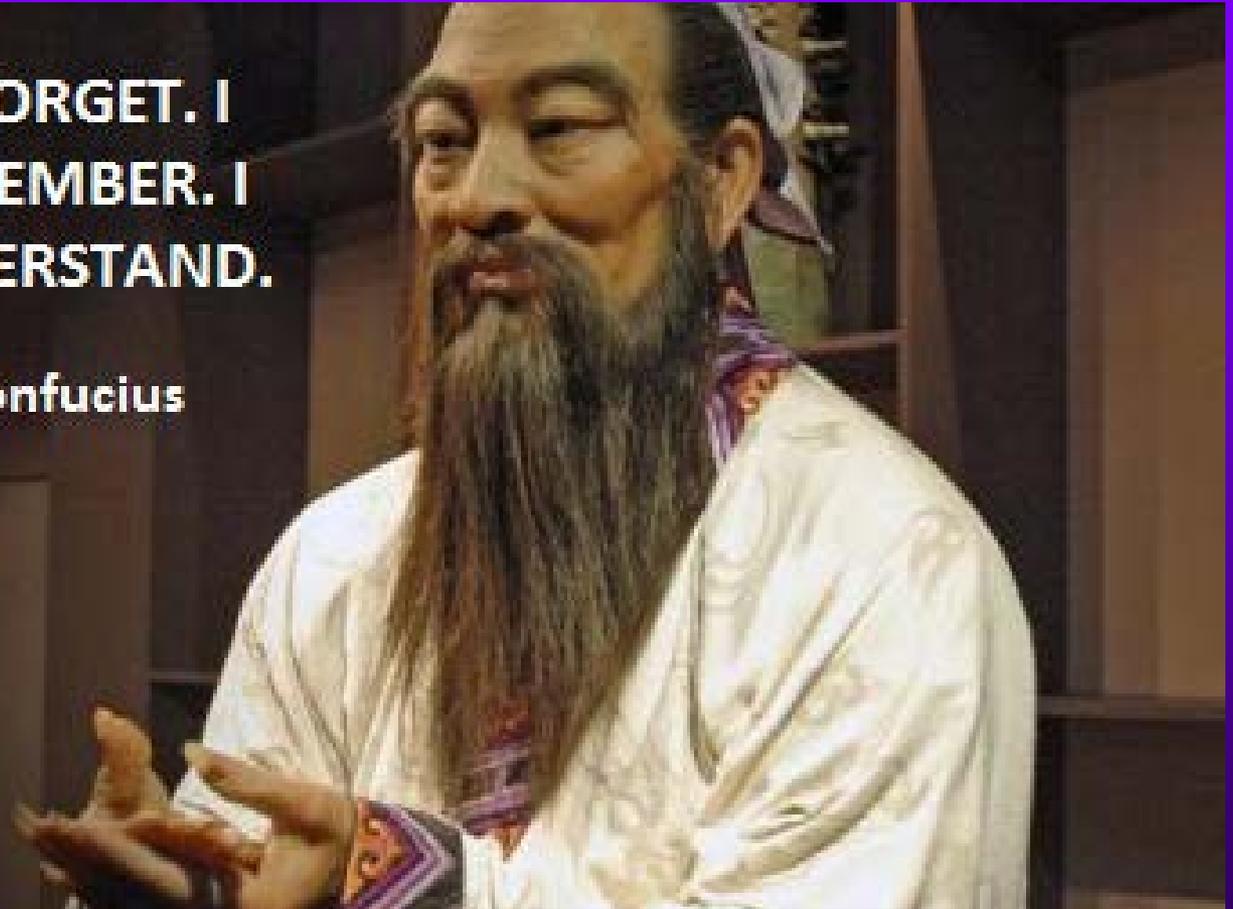
# Putting It All Together



# Message For Today

**I HEAR AND I FORGET. I  
SEE AND I REMEMBER. I  
DO AND I UNDERSTAND.**

**-Confucius**



# Thanks

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Not Sure,  
But I Think This Is A Bad  
Idea!

[www.mtnebotraining.com](http://www.mtnebotraining.com)

