



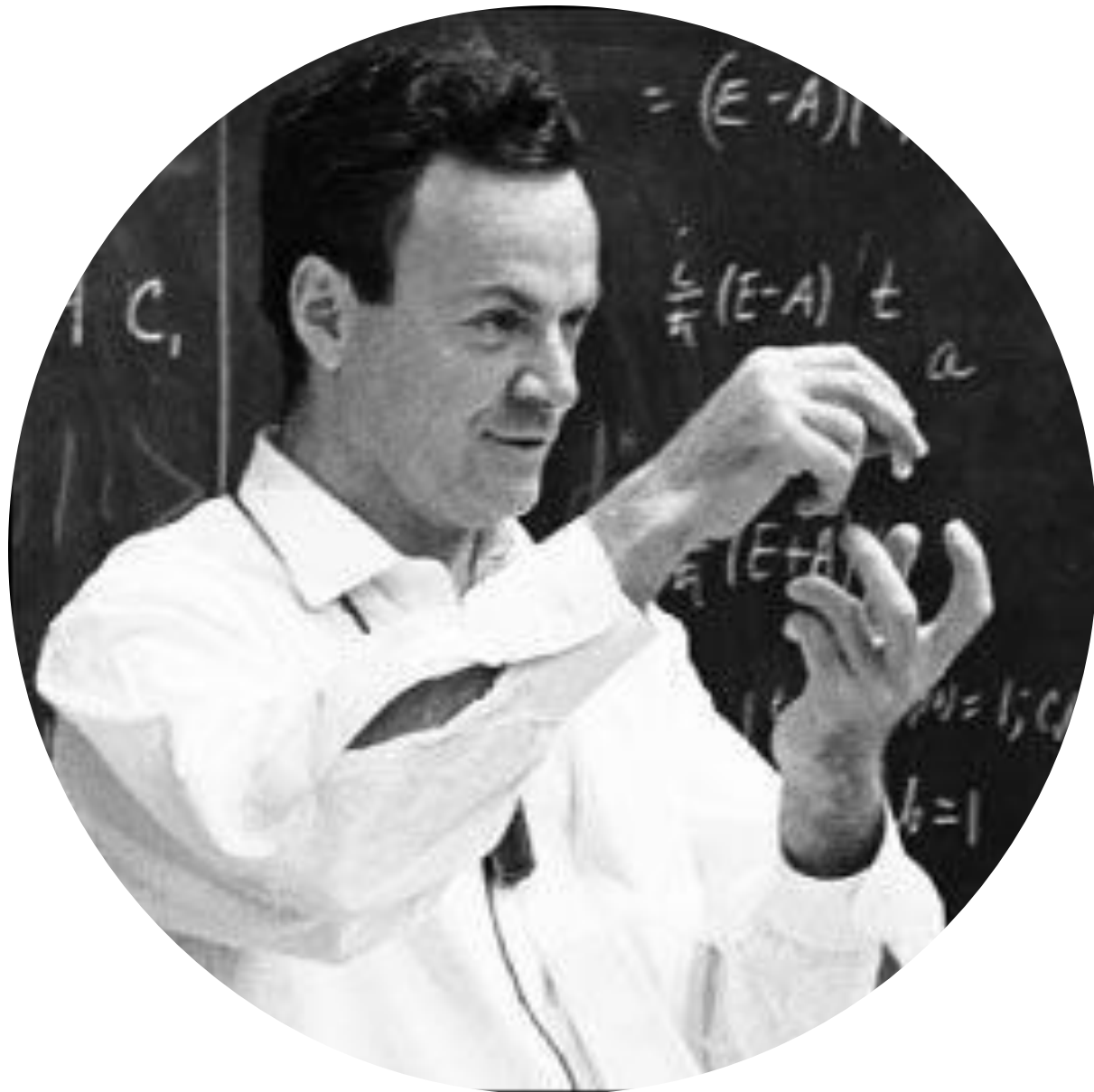
August 20, 2024

“How Do People Learn?”

Foundations of Cybersecurity - CYBS 3213

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“I learned very early
the difference between
knowing the **name** of
something and
knowing something.”

Dr. Richard Feynman
in *What Do You Care
What Other People Think?*

Knowledge

Awareness

	Known	Unknown
Knowns	Things we are aware of and understand. (A cybersecurity event/breach; the facts)	Things we are aware of but don't understand. (We need help from someone)
Unknowns	Things we understand but are not aware of. (The full impact of event)	Things we are neither aware of nor understand. (How long it will take to fix; major risks)

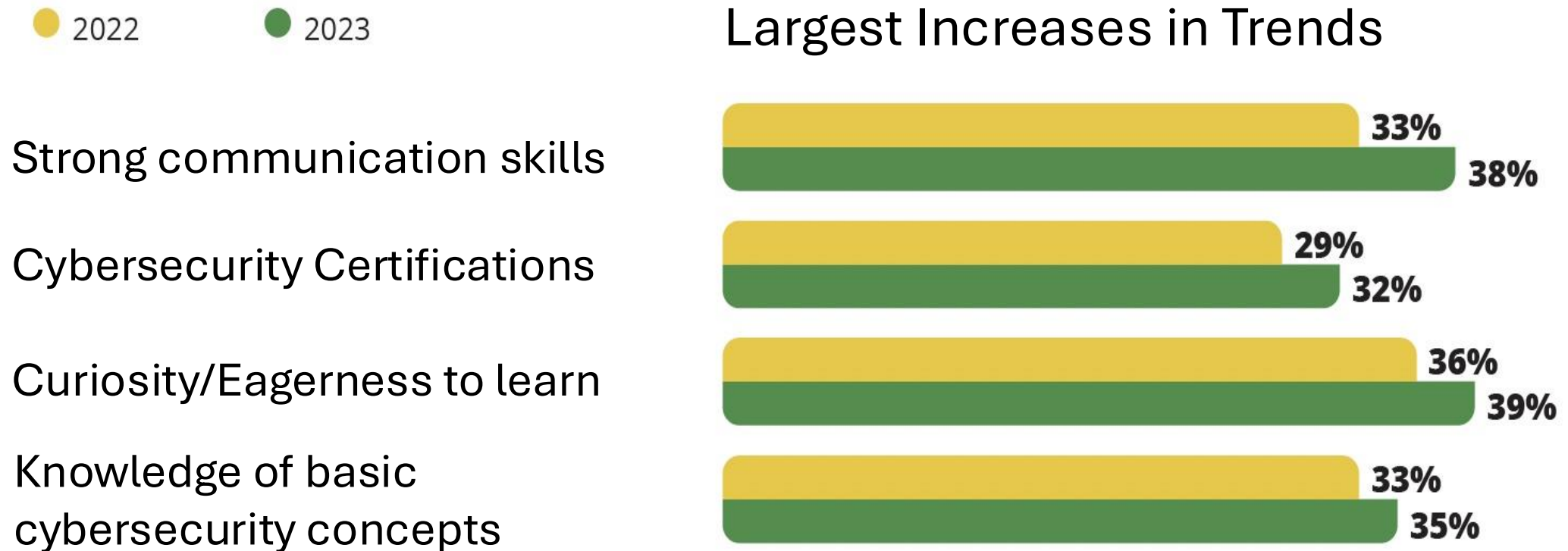


CDK

Take **5 minutes** to read the handout and identify items for the four boxes.

CDK Hack Attack

What are the top four most important qualifications for cybersecurity professionals seeking employment?



How Experts Learn:

- They engage in deliberate practice, so that each opportunity has a goal and evaluation criteria.
- They compile an extensive experience bank.
- They obtain feedback that is accurate, diagnostic, and reasonably timely.
- They enrich their experience by reviewing prior experiences to derive new insights and lessons from mistakes.

Course Syllabus

**As the actions or
contributions that are
made to reach an
outcome.**

OUTPUT

VS

**The result that
comes as a result of
your contribution or
efforts.**

OUTCOME



“Hope is the belief
that your future
will be better than
today, and you
have the power to
make it so.”

- Chan Hellman, Ph.D.

1.

Goals

Cognitive endpoint of
purposeful behavior.

Short-term vs.
Long-term

Achievement vs.
Avoidant

2.

Pathways

Mental roadmaps to
goal attainment.

Consider potential
barriers

Identify multiple
pathways

3.

Agency

Mental energy to
pursue your
goals.

Willpower

Intrinsic or Extrinsic

Using the Note Cards....

1. Name
2. How do you prefer to learn? (Reading, Lecture, Videos, other)
3. What is your goal for this class?
4. What are the pathways for achieving your goal?
5. What will keep you motivated during the journey, especially if there are obstacles?

August 22, 2024

“What is Cybersecurity?”

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