



EDUCATIONAL CONSIDERATIONS FOR TRAINING (Webinar)

December 7th, 2022 / Wednesday / 12:30-17:30 pm CET (=Tunisia) Time

12:30-12:35	Welcome and opening	Ferhan Sagin & Hatem Fakhfakh
12:35-12:45	ATSB Introduction	Hatem Fakhfakh
12:45-13:05	FEBS-Congresses, Fellowships, Advanced courses, Journals and more	Jerka Dumic
13:05-13:15	Discussion and Q & A about FEBS	Jerka Dumic & Ferhan Sagin
13:15-13:45	Why and how should you develop and improve your educator skills?: Tips for both junior & senior scientists	Ferhan Sagin
13:45-14:05	Principles of learning for training design	Hatem Fakhfakh
14:05-14:15	COFFEE BREAK	
14:15-14:45	Integrative online tools for learning and teaching biochemistry	Nino Sincic
14:45-15:15	Integration of virtual laboratories in learning of biochemistry	Angel Herraez
15:15-15:30	Discussion and Q & A	Nino Sincic & Angel Herraez
15:30-15:45	COFFEE BREAK	
15:45-17:15	Workshop (young researchers): How to keep a good lab book	Jason Perret (& Nino Sincic)
17:15-17:30	Q & A and closing	Ferhan Sagin & Hatem Fakhfakh

https://us06web.zoom.us/j/86969190827?pwd=MVozd3hBQIR2bXh1cFJKL3JOYW1xZz09













Principles of learning for Training design

Hatem FAKHFAKH

Professor of Genetics at the Faculty of Sciences of Bizerte Researcher at the laboratory LGMIB, Faculty of Sciences of Tunis Vice President of the Tunisian Association of Biological Scienses (ATSB) ATSB FEBS Ambassador GBRMC network trainer on Biorisk Management (BRM), SANDIA Labs, USA IFBA certified on BRM





Training involves transferring knowledge, skills, and abilities to an identified person to create desired behaviors and actions in that person.

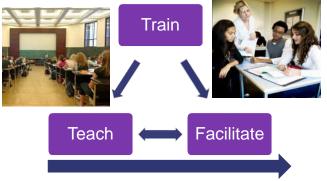
The training design cycle provides steps for assuring that training is developed in a standardized and strategic manner.

Managers and instructors should be involved in analyzing the current situation and the desired outcomes to assure that training is targeted to meet objectives.





Facilitate vs Teach



instructor transfers knowledge directly to the students students take more of an active role in their own learning





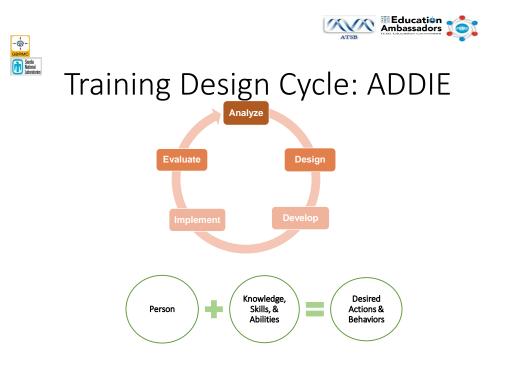
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Three "Models"

ADDIE – training design cycle

Jensen Model for Brain-Based Teaching

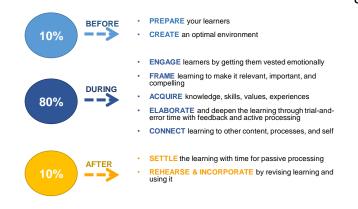
Principles of Learning







Education Compared Co





Ambassadors



Principles of Learning

Readiness	Recency
Exercise	 Intensity

Effect

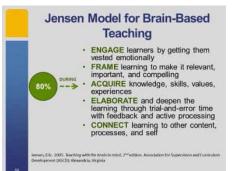
• Freedom

Primacy

• Requirement



CONNECT THE MODELS



- 1. Engage readiness, effect, requirement
- 2. Frame effect, intensity
- 3. Acquire readiness, requirement, primacy, recency, exercise
- 4. Elaborate freedom, intensity, exercise
- 5. Connect readiness, requirement, freedom





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Know–Feel–Do

"People will forget what you say.

People will forget what you do.

But people will never forget the way you made them feel."

Maya Angelou