

Concurrent Presentation Session
LEARNING ENGINEERING



Instructional Designers and Learning Engineers of the Future

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Instructional Designers & Learning Engineers of the Future

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Disclosures

The opinions, conclusions, and recommendations expressed or implied do not necessarily reflect the views of the Department of Defense or any other department or agency of the federal government.

Outline

This discussion will focus on instructional Designers, learning engineers, and others that make up educational support teams and their

- History
- Education
- Roles/Skills
- Overlap
- Support
- Evolution

and the what the future has to offer.

Instructional Designers

“The theory and practice of design, development, utilization, management and evaluation of processes and resources for learning”.



Januszewski, Molenda, & Association for Educational Communications and Technology (2008)

Education of Instructional Designers

Programs

- Instructional Design
- Instructional Technology
- Educational Technology
- Instructional Leadership
- E-Learning
- Instructional Systems
- Evaluation
- Learning Design



Courses

- Design and Development
- Evaluation/Assessment
- Learning and Cognition
- Adult Learning
- Theories
- Human Interaction
- Analytics
- Statistics
- Leadership

Degrees

- Certificates
- Masters Degrees
- PhD
- EdD

The Culture of Learning & Teaching Support

Help Desk
Extension
Isolation



VS



Collaboration
Partnership

The Culture of Learning and Teaching Support

Fish for me

Non Professional

“Set it & forget it”



Teach to fish

Professional

Talent

Evolution of Instructional Designers

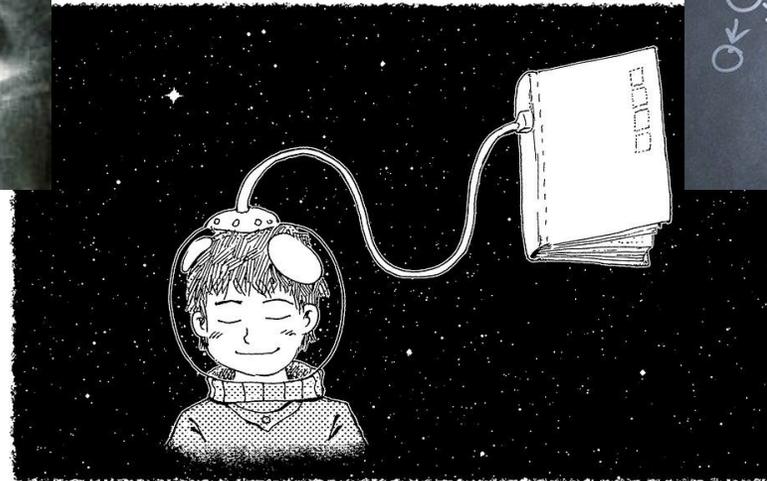


Image of children from <https://www.sutori.com/story/the-development-of-education-technology-1960s-2020--wpv15Qu1wu27BrgcTxgJpr9> other images from Pixabay

Education of Learning Engineer

Programs

- Learning Engineering
- Masters of Educational Technology and Applied Learning Science:



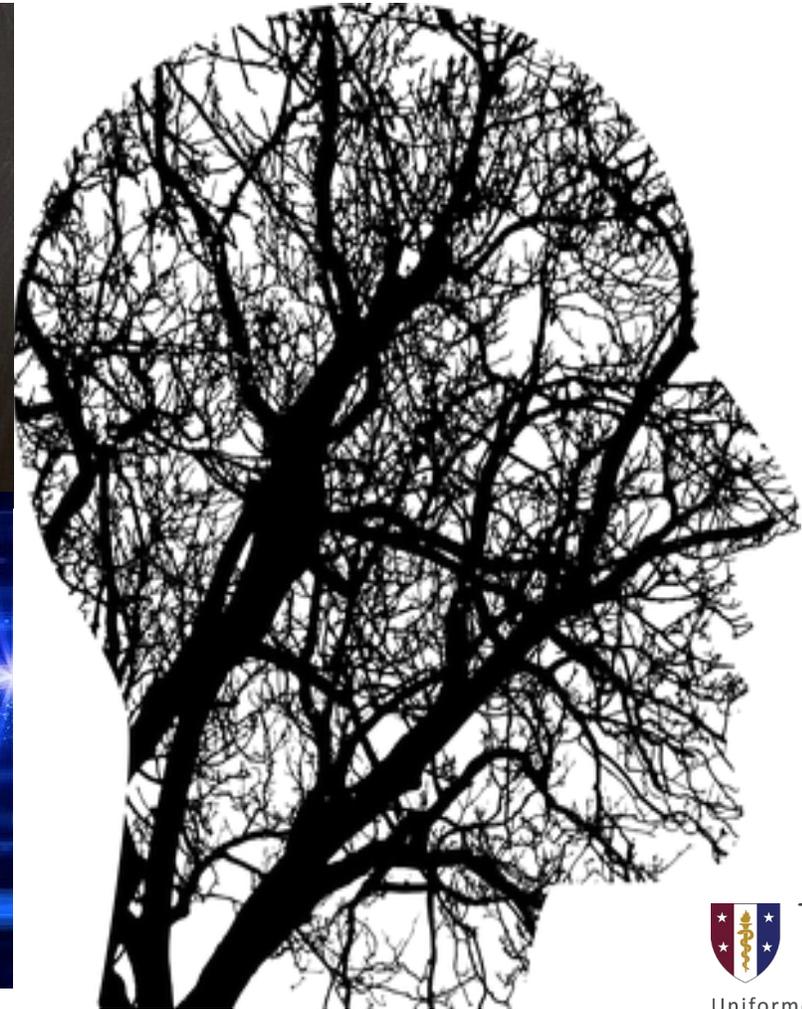
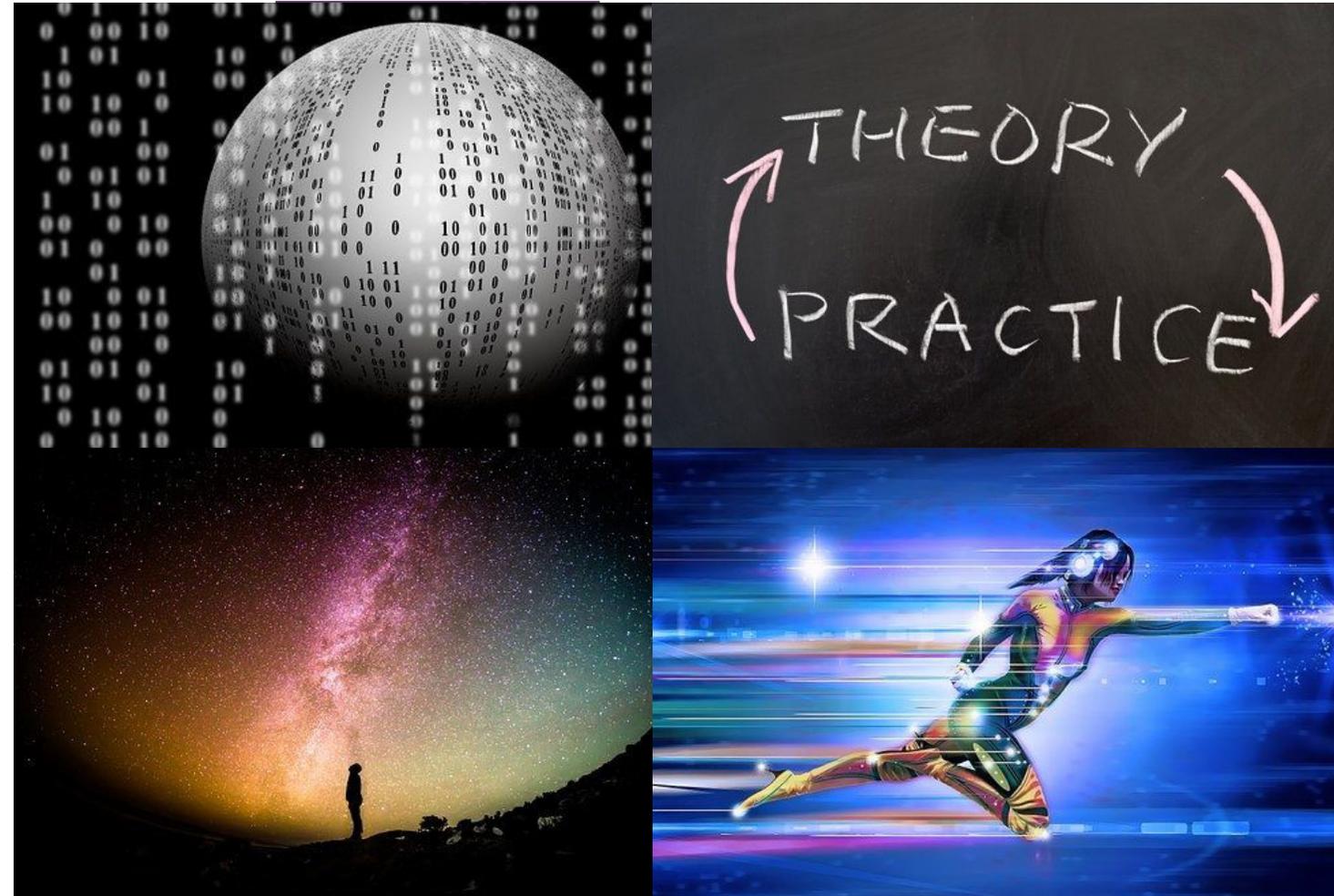
Degrees

- Certificates
- Masters Degrees

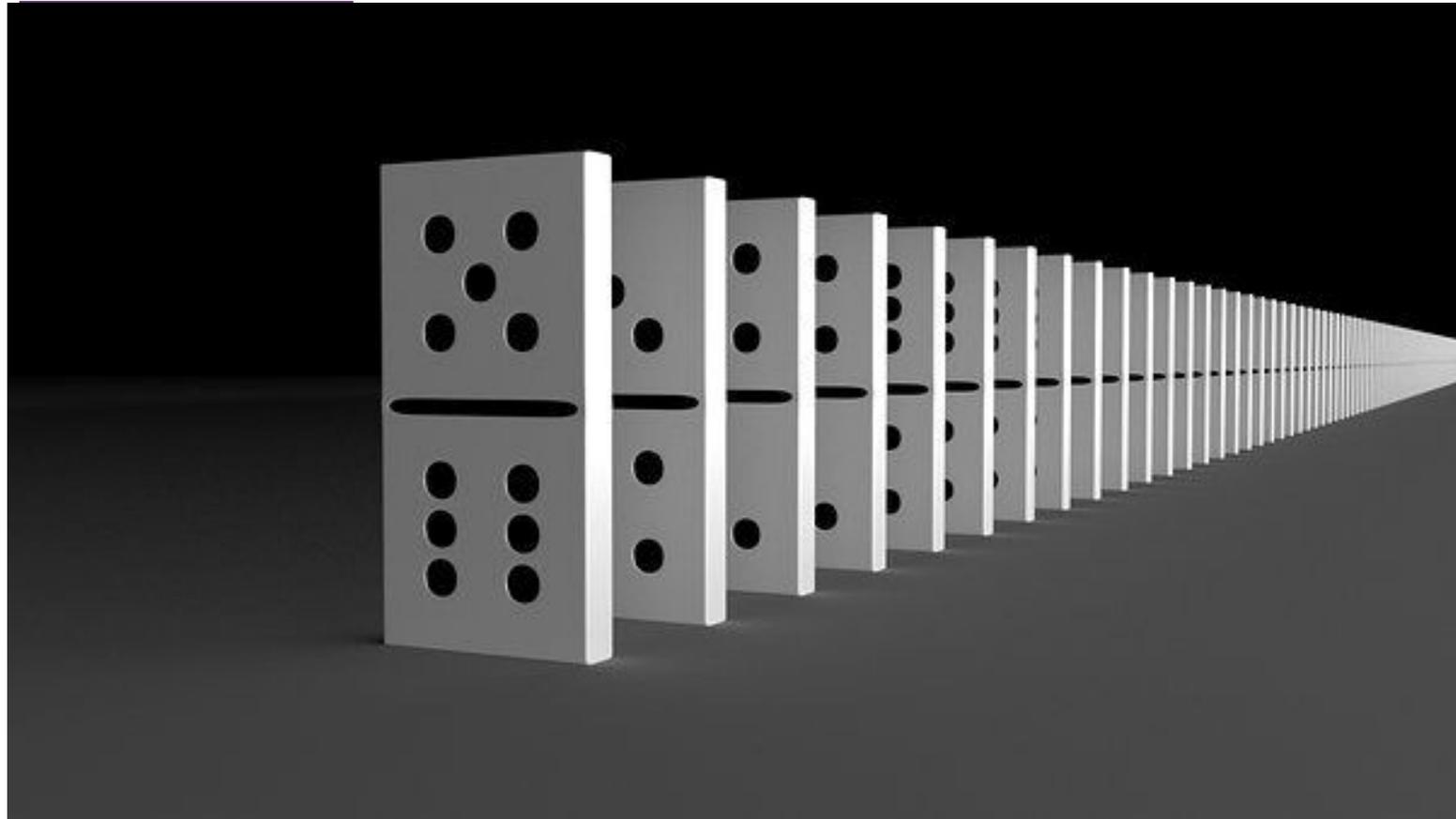
Courses

- Design
- Evaluation/Assessment
- Learning and Cognition
- Theories
- Human Interaction
- Analytics
- Statistics
- Leadership

Learning Engineers and Instructional Design Overlap



Learning Engineering Series



Teams, Ecosystems & Balance



The Future



Thoughts/Discussion



References

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