Billy J. Atkinson
Knowledge Base
IDE 621 Principles of Learning and Instruction

Author: Individual Project

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Description:

The Knowledge Base (KB) allowed me to showcase my development and understanding of the material discussed/instructed in IDE 621, Principles of Learning and Instruction. During this course, we learned about Behaviorism, Cognitivism, and Social Learning Theory, along with the instructional design theories that align with each of the learning theories. There were five major sections of the KB, the front page, the infographics for the learning theories and the instructional design theories, the learning scenario, observational checklist, and my individual reflection of the learning theory.

The front page gave an overview and the connections of the three learning theories, Behaviorism, Cognitivism, and Social Learning Theory. Each of the learning theory infographics represented the information and data in a graphical/visual form of the definition of learning, theorist associated with the theory, principles of the theory and the key terms of the theory. The instructional design theory infographic represented the information in a graphical/visual form of the instructional design theories that align with the learning theory. The learning scenario was intended to highlight the areas of the narration that represent learning as described by each of the learning theories. The observational checklist was used to identify the observed behaviors and resources as describe by each of the learning theories. Each learning theory was accompanied by an individual reflection that was intended to articulate my beliefs, challenges, and understanding of each learning theory.

Reflection:

Overall, this project was very valuable in my development and understanding of human learning. This plays a critical role in the ADDIE process, specifically in the design phase when selecting the instructional strategies that will be used for instruction. Developing the KB was critical in my development in the learning theories and the instructional design theories. Each specific section in the KB enabled a deeper understanding of each theory and the principles within each theory. This project provided me an opportunity to articulate my understanding of Behaviorism, Cognitivism, and Social Learning Theory, along with each of the instructional design theories that align with them. Developing each section of the KB allowed me to develop my individual understanding in order to retain the newly gained information for future use. I was able to distinguish the relationship of the theories and the differences of each theory. Each theory has a specific role in the educational environment and now I can distinguish that role.