

Using Instructional Models to create interactive online courses

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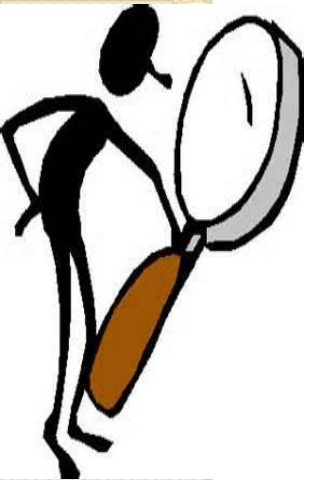


Purpose

- To describe how an interactive performance based online course can be designed using the ADDIE process.

ADDIE

- Phase 1 – **Analyze**
- Phase 2 – **Design**
- Phase 3 – **Develop**
- Phase 4 – **Implement**
- Phase 5 – **Evaluate**
- Revise as necessary



Phase I – Analyze

- Identify the need for the instructional design
- Identify the probably causes for a performance gap
- Identify resources – content needed, technology, instructional facilities, and human resources
- Identify basic learners information like abilities, experiences, preferences and motivation.

Phase 2 – Design

- Verify the desired performances
- Describe performance objective
- Prepare a set of assessments for closing the performance gap
- The objectives guide the ID process by describing precisely what the targeted learners should know, do, or feel on completion of the planned learning.



Phase 3 – Develop

- Generate and validate selected learning resources
- The common procedure in the Develop Phase includes: Generate content, Select or Develop supporting media, Develop guidance for the student, Develop guidance for the instructor, Conduct formative revision, and Conduct a pilot test.



Phase 4 – Implement

- The college provides Online training and tutorials to use resources
- Publishers resources accompanying textbooks:
- Provide online study areas



Phase 4 – Implement Continues

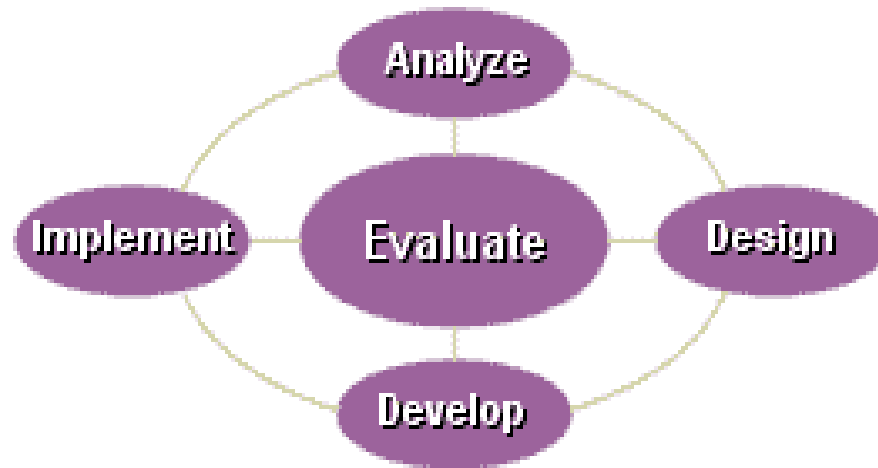
- It is not only students that are prepared for the learning environment; instructors are also prepared (or trained) to use the instructional material.
- It is important to prepare teachers for the learning environment
- Training to use platform

Other Resources

- Screenleap: www.screenleap.com
- Join me: <http://join.me/>

Phase 5 – Evaluate

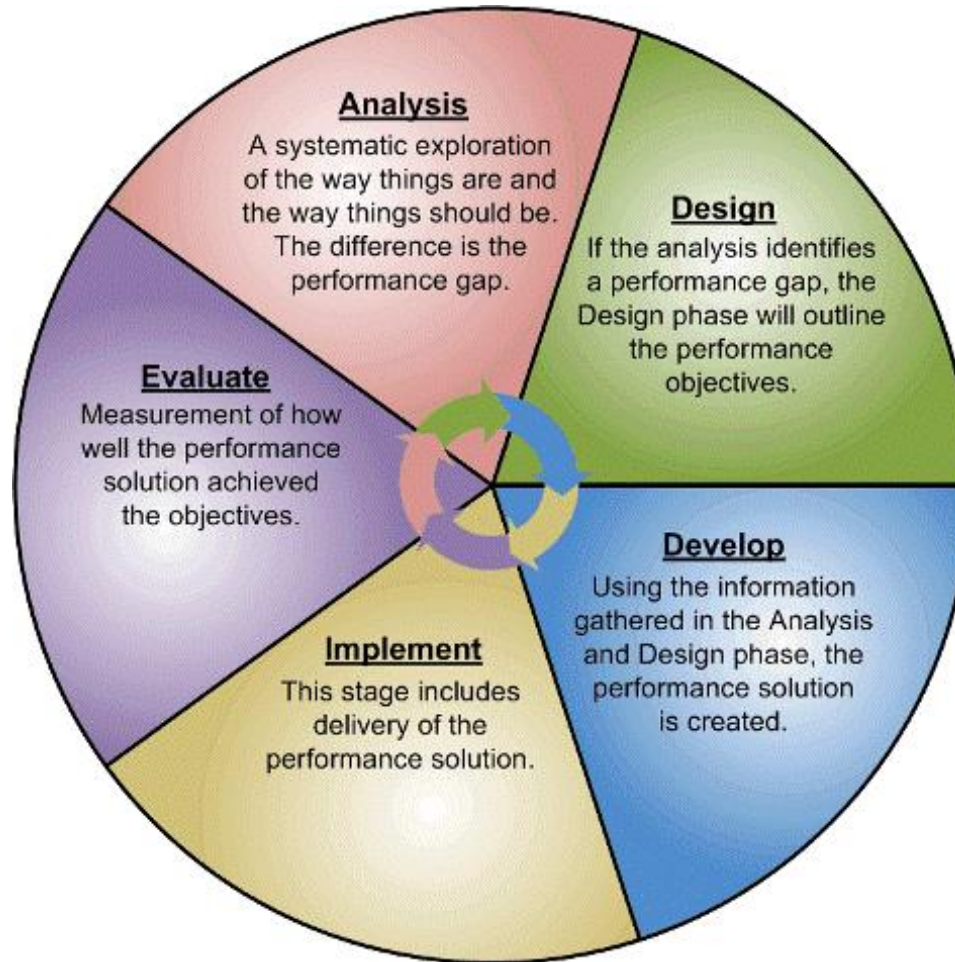
- Measure the degree of satisfaction with the content and the degree of satisfaction with the instructor



Revise as necessary

- Instructional design is not completely objective since human judgment is needed as part of the evaluation process; and that collecting and analyzing data is part of the evaluation process.

SUMMARY



Conclusion

- Most effective way to create learning products is by using an ADDIE process since it is the most basic and traditional designs process.

References

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Rothwell, W. J., & Kazanas, H.C. (2008). *Mastering the Instructional Design Process: A Systematic Approach* (4th ed). New York: John Wiley & Sons.