



LILIE, LLC Course Information

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Title of Course (45 hours): Using Data to Enhance Learning

Course Description:

This course is designed to present to educators the theories and methods of improving instruction through various assessment data being used by successful schools.

Overall Course Objective and Expectation(s):

Participants will explore the various assessment types as well as the collection process relevant to curricula, and how the information is interpreted and implemented to enhance student achievement.

Course Instructional Materials:

All courses maintain a fully developed and dynamic webpage that houses all resources, reference material and various other required informational texts, videos and alike that is both active and relevant to course objectives and content. Course web pages are routinely updated to reflect most current research and available readings therefore instructional materials used to teach course objectives are subject to change.

Instructor Consultation and Interaction:

Real time consultation and instruction is provided through the LILIE, LLC discussion boards for each course/classroom on a daily basis.

Suggested Readings (subject to change):

Any Books by Victoria Bernhardt

Data Wise in Action - Edited by Kathryn Parker Boudett and Jennifer L. Steele

Using Data to Improve Learning for All: A Collaborative Inquiry Approach - Edited by Nancy B. Love

Using Curriculum Mapping & Assessment Data to Improve Learning by Bena Kallick and Jeff Colosimo

http://www.naesp.org/resources/1/E-newsletter_PDFs/RRSp08.pdf (brief descriptions of 4 books)

Proof of Course Completion:

LILIE, LLC is committed to assuring that enrollees fully participate in and receive the educational benefits contemplated by the course. Enrollees must demonstrate participation by making detailed postings designed to foster dialogue among colleagues and instructors. These enrollee postings must be made four times each week in separate sessions. Enrollees will be required to submit a detailed log documenting at least 45 hours of course work, including discussion board posts, and will be required to apply information and strategies acquired from the course content to weekly classroom instruction. Attempts to falsify logs or discussion board entries will result in denial of credit and a report to the enrollee's employer.



Scope & Sequence/Weekly Topics and Objectives

Week 1

Topic(s):

Introductions, History and Purpose

Objectives:

- Define data and explain your vision for your classroom and school
- Answer the following question based on this week's readings:
 - Why data is important?
- Choose a minimum of 3 abstracts from the link "centerforcsri.org" and comment on them.
- Describe the self-reflective methods you currently use to gain insight on your student learning?

Impact on Classroom Instruction:

Participants will reflect on their personal, building and district wide usage of data and see if it is aligned with the current local, state and national movement.

Learner Outcomes:

Students will be able to answer the following questions relating to teaching, learning and data use:

1. Where are you now?
 - What is your vision for your classroom and school?
 - Who are your students?
 - What do your students know and understand?
 - What does your instruction "look like?"
2. Where do you want to go?
 - What do you want your students to know and understand?
 - What do you want your curriculum to look like?
 - What do you want your instruction to "look like?"

Assessment of Understanding and Learning/ Weekly Assignments (*including but not limited to posting requirements set forth by LILIE, LLC*):

- Introduce self and respond to classmates' postings: include school, grade, subject and initial thoughts and feelings on use of data.
- Discuss the current role of data in your educational setting via daily instructional opportunities and provide feedback and evaluation via course postings.
- Articulate answers to the 7 "learning outcome" questions.
- Summarize history of data usage in schools.



Week II and III

Topic(s):

Methods and Framework, Assessment Types, Tools/Resources, Case Studies

Objectives:

- Research the Methods and Framework of Data and comment
- Briefly describe the different Types of Assessments available
- Read about the Tools and Resources out there, which ones do you currently use or could you envision yourself incorporating
- Explore the Case Studies and comment on at least 4 success stories

Impact on Classroom Instruction:

Participants will explore the framework and methods of data, the different types of assessments available as well as the tools and resources readily accessible. They will evaluate and try to incorporate the best tools and resources that fit their needs. They will also review case studies of successful implementation of data use.

Learner Outcomes:

Students will be able to answer the following questions relating to teaching, learning and data use:

How will you get there?

- What is your plan to move from where you are to where you want to be?
- What strategies, techniques and resources will you use in your instruction?
- What does the research indicate about the strategies and techniques you will use?
- What types of assessments will you incorporate?

Assessment of Understanding and Learning/ Weekly Assignments (*including but not limited to posting requirements set forth by LILIE, LLC*):

- Discuss the framework and methods of successful data usage
- Post follow up questions on forum to further professional sharing and learning
- Consider which tools and resources would be most beneficial to student success and provide suggestions for implementation
- Reflect on readings/exploration of case studies and model your educational settings after them
- Review and post findings.



Week IV

Topic(s):

Implementation, Suggestions, Reflection on Learning

Objectives:

- Reflect on your learning based on the resources used throughout the course.
- Choose a minimum of 3 statements from below and explain in detail how you:
 - Identify the types of educational data
 - Look at more than snapshot student achievement scores for real answers
 - Plan effective interventions for classes and individual students
 - Examine and reflect on their data to set goals for sustained school improvement
 - Discover ways to generate data that matters for their classroom questions
 - Gain the data tools to put it all together and from data to classroom action

Impact on Classroom Instruction:

Participants will apply course research, readings and discussions and create a comprehensive plan to best incorporate data usage in their educational settings. They will reflect on where they began, what they tried and was successful and where they see room for growth/improvement as well as setting future goals.

Learner Outcomes:

Students will be able to answer the following questions relating to teaching, learning and data use:

How will you know you are making progress?

- How will you measure the indicators listed above?
- What data do you need to collect?
- How will you interpret the data?
- How will you communicate the data?
- How will the data inform your teaching?
- How will this impact your future instruction?

Assessment of Understanding and Learning/ Weekly Assignments (*including but not limited to posting requirements set forth by LILIE, LLC*):

- Design curricula and plan instruction based on knowledge of the subject matter, student needs, community, and curriculum goals.
- Provide feedback and evaluation of implemented ideas via course postings.
- Explore avenues for collaboration and incorporation.
- Professionally respond to classmates' postings, programs and suggestions.
- Share answers to "learning outcomes" questions.