

Getting Started:
Inquiry-Based
Learning

Inquiry-Based
Learning
Training

IBL Refresher

Case Writing

Getting Started with Inquiry-Based Learning

Have you been looking for an opportunity to learn more about inquiry-based learning (IBL)? Now is your chance! The **Center of Excellence for Research, Teaching and Learning (CERTL)** would like to help you and your staff learn more about effective teaching strategies and provide hands-on problem and project-based learning resources to raise student achievement in your classroom!

- This one-day workshop delivers an overview of the inquiry-based learning process, including an introduction to CERTL's Five Standards of Inquiry-Based Learning.
- You will receive access to our online repository of problem and project-based learning (PBL) resources aligned to instructional and state standards.



This interactive session is an introduction to the concepts and methodology of inquiry-based learning. You will experience the IBL process from a learner's perspective through hands-on, collaborative activities. Included is an overview of how the IBL process and Five Standards for Inquiry-Based Learning enable teachers to be intentional about providing authentic classroom learning experiences. You will be introduced to various inquiry-based learning strategies and resources, including PBL cases that support student mastery of content. Also provided is an overview of team and individual assessment methods commonly used in IBL.

Outcomes include:

- Participants clearly understand the role of IBL as an effective instructional tool
- Participants see the link between IBL and state standards and assessments
- Participants gain access to problem and project-based learning resources that they can implement in their classrooms to deliver IBL lessons



The Wake Forest School of Medicine's **Center of Excellence for Research, Teaching and Learning [CERTL]** improves educational practices through professional development, student enrichment and educational leadership.

For more information, please contact us at:
336-713-2708 or wfpbl@wakehealth.edu
Visit our website at: www.Wake-UTD.org

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Inquiry-Based Learning Training: A Deep Dive

- This three-day workshop is an in-depth exploration of CERTL's Inquiry-Based Learning training. You will be introduced to problem and project-based learning and how they can positively impact student achievement in your classroom.
- You will be provided with lifetime access to CERTL's online repository of PBL cases in alignment with your teaching position.



This training will include the theory and best practice of inquiry-based learning, focusing on the implementation and management of problem and project-based learning. The components of the training will include an in-depth analysis of the Five Standards of Inquiry-Based Instruction, a problem-based learning experience, a project-based learning experience, formative and summative assessment, as well as facilitated planning time. You will learn how to promote questioning that aligns with content expectations and how to design strategies to formatively assess your students and provide feedback. The trainer will model high-impact strategies that will improve teacher efficacy and implementation.

Outcomes include:

- Participants understand that IBL requires teachers to be intentional with their instruction by identifying goals for content, thinking, and doing.
- Participants learn that problem and project-based learning provides an experience in which learners access not only content and skills relevant to the course, but also skills and attitudes relevant to college and career readiness.
- Participants understand that learners develop and strengthen their conceptual understanding of content by engaging in design, inquiry, and creativity.



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IBL Refresher: Creating a Culture

- If you have previous experience with an IBL or PBL training, then this workshop is for you! Your previous training may be with CERTL or another professional development provider.
- You will be provided with revised access to CERTL's online repository of PBL cases in alignment with your current teaching position.



This workshop is designed to refresh a teacher's perspective about the processes of IBL and reinforce best practices. The focus is on creating a culture of inquiry in the classroom, including the scaffolding and differentiation of IBL cases, as well as lesson planning and assessment. With an emphasis on enhancing teachers' facilitation skills, trainers lead an in-depth examination of the IBL implementation challenges that teachers can encounter. This session can be customized to address practical, site-specific challenges. Trainers are available throughout the session to provide guidance to teachers as they plan how to integrate the PBL resources into their existing curriculum and revise learning experiences to develop student thinking. The challenges related to the assessment of PBL are addressed, as well as how to align assessments with curriculum standards and develop customized rubrics.

Outcomes include:

- Participants are prepared to implement inquiry-based learning in their classroom through the reinforcement of the best practices of IBL.
- Participants learn how to create a culture of inquiry in their classroom.
- Participants are able to overcome facilitation hurdles through identifying and designing structures and procedures to support student success



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PBL Case Writing

- Are you looking to adapt CERTL's prewritten PBL resources to fit your specific learning objectives? Are you wanting to write your own PBL resources but don't know where to start? This workshop shows you how it's done!
- You will learn about concepts and construction of a typical PBL case and the essential structure of the student research component.



Teachers learn how to write their own problem and project-based learning resources that motivate students' discovery of the content by providing the context of the learning. This includes identifying the instructional purpose of the PBL, creating a hook to engage the students and connect the problem to real world situations, and structuring the problem to be authentic while providing content and support. CERTL's trainers also demonstrate how to customize PBL cases to address specific learners' needs or the needs of a class as a whole.

Outcomes include:

- Participants create a problem or project-based learning case for their classroom.
- Participants learn how to adapt existing PBL cases to fit the learning goals of their lesson.
- Participants learn how to integrate PBL into their existing curriculum to create authentic learning experiences for their students.



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