

► What is Physics 595 and why is it offered?

With Indiana now testing students in science, have you found yourself feeling a bit uncertain? Do you

need time, resources, and a helpful facilitator to allow you to create concept units to allow you to better approach "The Physical Setting" standards?



Physics is studying the world around you to understand how it works

Physics 595: Physics Curriculum Development has been developed to allow K-12 science teachers to work compiling curriculum that meets their own classroom needs and situation. For example, does your school lack equipment and/or technology leading you to believe you can't offer hands-on experiences? Or, would you like to work towards developing a grant that would allow you to create a new approach that utilizes technology? Are you a teacher of elementary- or middle-school students looking for a "teacher friendly" environment to successfully complete teaching units?

What are the requirements of Physics 595?

Physics 595 was developed with the teacher in mind, understanding that time is your most valuable commodity. To this end, you will use the time spent in this class to develop 1-4 units of instruction that address "The Physical Setting," as well as



Physics offers many opportunities

"The Nature of Science and Technology," "Scientific Thinking," and "The Mathematical World" standards (elementary and middle school) or high school integrated chemistry-physics or physics standards.

Although independent study is perfectly permissible, you are encouraged to meet with others also taking the course to exchange and build upon one another's ideas. You will have access to Shared Information Services, as well as a computer lab that offers Inspiration software, should you prefer this tool for your organization. In addition, you will be provided with the opportunity to explore Vernier technology to learn how you might incorporate it into your curriculum.

Questions and Answers...

1. I am an educator of elementary-aged students. Will this course help me?
 - Yes! The course is designed especially with you in mind! It will help you gain confidence and grow in a "teacher-friendly" environment that knows YOU are doing one of the most important jobs in our country to reach the goal of bringing more young people into scientific careers.
2. Can I choose which units to work on?
 - Yes again.
3. Will it cost me to enroll?
 - Yes. This is a graduate level course.



There's curiosity in each of our students. Can you find it?