



Physics Training for High School Teachers

Course Narrative:

The overall purpose of this year long training is to prepare high school teachers for the Michigan High School Content Expectations and the Michigan Merit Curriculum.

Course Outcomes:

Teachers will generally spend the morning of each session covering the material for one Unit of Study and the afternoon covering the material for a second Unit of study. Teachers should leave each session with some activities they can use with their students. A series designed for Physics teachers which will cover the following topics in 12 units of study:

- Review of the Physics HSCE's to understand format, layout, and organization.
- Discussion of Physics education research briefly and the benefits of constructivism.
- Advantages of laboratory work and discussion in the classroom.
- Integration of websites and technology, simulations, and lab equipment.
- Address common misconceptions among students.
- Share lab activities/discuss ways to allow students to construct the ideas as they complete the labs.
- Develop new or modify lab activities using simulations or lab equipment.

Instructor:

John West, Physics Professor at Saginaw Valley State University

Dates:

	Thursdays		
October 1, 2009	October 29, 2009	December 3, 2009	
	Fridays		
January 22, 2010	February 5, 2010	March 19, 2010	April 23, 2010

Time:

8:30 a.m. – 3:30 p.m.

Location:

Bay-Arenac ISD • Educational Service Center • Pinconning Lab
4228 Two Mile Road
Bay City, MI 48706

Audience:

High School Physics Teachers

Cost:

In-consortium – \$75
Non-consortium/Out-of-district - \$200(all costs include a light breakfast, lunch and materials)
Event fee waived if taking course for graduate credit through SVSU.

Credits:

SB-CEUs or SVSU available pending approval.

Questions?

Jill Bialek • 989.667.3280 • bialekj@baisd.net

Registration:

Go to www.baisd.net
Select Professional Development
View by Alpha (Workshop Title)
Complete registration process by following [hyperlink](#) items

Registration Deadline:

October 1, 2009

Maximum Participants:

50

Minimum Participants:

10

4228 Two Mile Road
Bay City, Michigan 48706
Phone: (989) 667-3280
Fax: (989) 667-3272

EDUCATIONAL EXCELLENCE