

# Modeling Method of High School Physics Instruction

Credit Course (PHY 511, CRN 55684) or Non-Credit CEUs

July 16–August 3; 341 Strong Hall (EMU main campus)

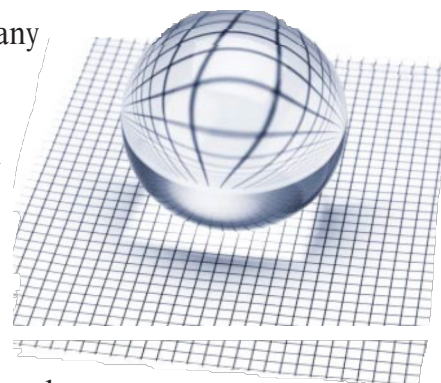
Monday, Wednesday and Friday: 8:30 a.m.–3:30 p.m.

Tuesday and Thursday: 1–6 p.m.

Instructors: Laura Ritter and Bryan Battaglia

Cost: \$900 fee for the non-credit version of the course or if taking the course for graduate credit, the cost is tuition and fees.

This course cultivates physics teachers as school experts on effective use of guided inquiry in science teaching; providing schools and districts with a valuable resource for broader reform. Modeling method corrects many weaknesses of the traditional lecture-demonstration method, including fragmentation of knowledge, student passivity and persistence of naive beliefs about the physical world. Unlike the traditional approach, where students wade through a stream of seemingly unrelated topics, the modeling method organizes the course around a small number of scientific models making it easier to understand. Program goals are fully aligned with National Science Education Standards.



For more course information, contact Beth Kubitskey at [mkubitske1@emich.edu](mailto:mkubitske1@emich.edu).

Register at [ep.emich.edu/register](http://ep.emich.edu/register). For registration questions, contact Bia Hamed at [bia.hamed@emich.edu](mailto:bia.hamed@emich.edu).

**EASTERN**  
MICHIGAN UNIVERSITY