



Resulting Projects, Research, and Recognition:

I have written two versions of an articles describing this course both titled “Differential Equations and Civic Engagement”

SIGMAA-QL Newsletter, October 2007;

Civic Matters--A Catalyst for Community Dialogue, a publication of the Civic Engagement Office at Bryn Mawr College, Issue 2, April 2008.
(See Appendix for full text)

References:

Black, P. and Wiliam, D., “Inside the black box: raising standards through classroom assessment,”1998. Available on line (free) from Phi Delta Kappa International <http://www.pdkintl.org/home.htm>

Black, P., Harrison, C., Lee, C., Marshall, B., and Wiliam, D., “Assessment for Learning,” Open University Press, 2003. See Chapter 4 for concrete ways to implement formative assessment.

Blanchard, Devaney, and Hall, *Differential Equations*, 3rd edition, 2005, Brooks/Cole Publishing.

Diamond, J. M., *Collapse: How Societies Choose to Fail or Succeed* , 2005, Viking Peguin.

Hadlock, C., *Mathematical Modeling in the Environment*, 1999, The Mathematical Association of America.

Hethcote, H. and Yorke, J., “Gonorrhoea Transmission Dynamics and Control,” *Lecture Notes in Biomathematics*, 1984, Springer.

TIMSS 1999 Video Study Mathematics Public Release Lessons, Lesson Lab,
see
<http://www.lessonlab.com/bkstore/index.cfm/action/displayItem/isbn/1402919549>.

Gonorrhea Transmission Dynamics and Control, by H. Hethcote and J. Yorke.