

1125-G1-1811      **Anneliese H. Spaeth\*** ([aspaeth@hawks.huntingdon.edu](mailto:aspaeth@hawks.huntingdon.edu)). *Using a Problem Sequence to Teach Mathematics Majors Basic Programming Skills*. Preliminary report.

Many effective problem sequences and materials exist to assist educators in using Inquiry-Based Teaching and Learning techniques over a variety of mathematical topics. The author notes a lack of such materials covering basic programming skills, oriented specifically for mathematics majors. The author developed one such problem sequence addressing the language PHP, during the Fall 2016 semester in a one credit seminar for mathematics majors. Topics discussed will include: the developed problem sequence, the author's experience in teaching this course, and a rubric created by the author for grading student code solutions. (Received September 19, 2016)