INTERSTATE PASSPORT
A WICHE Region Initiative

Interstate Passport Initiative
Proposed Passport Learning Outcomes
Initial Draft
October 12, 2012

The following learning outcomes were developed by faculty members, institution representatives and Pilot State Facilitators from the five states participating in the Interstate Passport Initiative (California, Hawaii, North Dakota, Oregon, and Utah). The Pilot State Facilitators will oversee the process by which these outcomes are reviewed within each state by the appropriate discipline/general education expert faculty as an expression of acceptable learning outcomes. It is understood that individual institutions or systems will likely have their own unique expression of the same outcomes.

Proposed Quantitative Literacy/Reasoning Outcomes

All of these learning outcomes presuppose a level of competency beyond the Common Core State Standards for Mathematics.

1. Demonstrate mastery of arithmetic, algebraic, geometric and statistical computational skills.

2. Express quantitative information symbolically, graphically, and in writing.

3. Select and use appropriate numeric, symbolic, graphical and statistical reasoning to interpret, analyze and critique information or arguments presented by others (student as listener).

4. Recognize, evaluate, and use quantitative information, quantitative reasoning and technology to support a position or argument (student as presenter).

5. Design and follow a multi-step mathematical process through to a logical conclusion and critically evaluate the reasonableness of the result.

6. Create, analyze and apply appropriate quantitative models to solve and interpreting solutions to quantitative theoretical and real-world problems.

7. Interpret solutions to quantitative theoretical and real-world problems.

Unresolved issue:

- The wording of a bullet on statistics and probability