**HOSA Mini Lesson: Math for Health Professions: Basic to Pharmacy**

*Objectives:*

Upon completion of this lesson, students will have sufficient knowledge of, and be able to:

1. Demonstrate conversions.
2. Calculate conversions for temperatures.
3. Define ratio and proportion.
4. Formulate dosages.
5. Solve concentration problems.
6. Perform dilution problems.
7. Calculate IV flow and drip rates.
8. Solve alligations.

*Time:*

* Lecture - 1 class period
* Practice – as needed

*Materials:*

* PowerPoint
* Calculator

*Instruction:*

1. Share PowerPoint on Medical Math ( 14 minute video)
2. Website for blood pressure practice

*Assessment:*

1. Written test

*Standards:*

NCHSE

1.3.1 Demonstrate competency using basic math skills and mathematical conversions as they relate to healthcare.

*For additional Curriculum Crosswalks see* [*CE Useful Tools*](http://hosa.org/CEUsefulTools)